

Programming I – Assignment 05

Switch case

#	Student ID	Student Name	Grade (10)
-			

Delivery Date	
---------------	--

١. يتم تسليم التمرين محلولا في خلال أسبوعا من تاريخ التمرين، و يتم حذف درجتين من التمرين عن كل أسبوع تأخير
٢. يتم التسليم لمعيد المقرر مباشرة
٣. تتم أجابه التمرين في نفس ورق الأسئلة

Highlight the box that contains the correct answer

#	a	b	c	d	Answer
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

#	Question	Answer
1	<p>What will be output when you will execute following c code?</p> <pre>#include<stdio.h> void main(){ int movie=1; switch(movie<<2+movie){ default:printf("3 Idiots"); case 4: printf(" Ghajini"); case 5: printf(" Krrish"); case 8: printf(" Race"); } }</pre> <p>Choose all that apply:</p> <p>(A) 3 Idiots Ghajini Krrish Race (B) Race (C) Krrish (D) Ghajini Krrish Race (E) Compilation error</p>	
2	<p>What will be output when you will execute following c code?</p> <pre>#include<stdio.h> void main(){ int const X=0; switch(5/4/3){ case X: printf("Clinton"); break; case X+1:printf("Gandhi"); break; case X+2:printf("Gates"); break; default: printf("Brown"); } }</pre> <p>Choose all that apply:</p>	

	<p>(A) Clinton (B) Gandhi (C) Gates (D) Brown (E) Compilation error</p>	
3	<p>What will be output when you will execute following c code? #include<stdio.h> void main(){ switch(*(1+"AB" "CD"+1)){ case 'A':printf("Pulp Fiction"); break; case 'B':printf("12 Angry Man"); break; case 'C':printf("Casabance"); break; case 'D':printf("Blood Diamond"); } }</p> <p>Choose all that apply:</p> <p>(A) Pulp Fiction (B) 12 Angry Man (C) Casabance (D) Blood Diamond (E) Compilation error</p>	
4	<p>What will be output when you will execute following c code? #include<stdio.h> void main(){ switch(5 2 1){ case 3&2:printf("Anatomy of a Murder"); break; case ~11:printf("Planet of Apes"); break; case 6-3<<2:printf("The conversation");</p>	

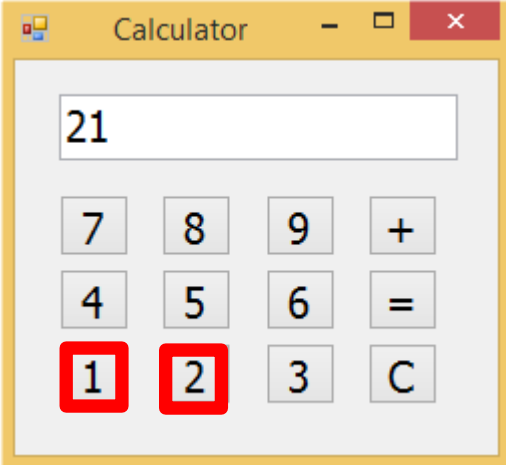
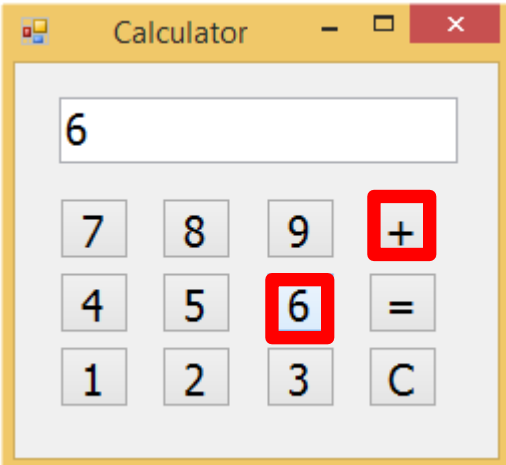
	<pre>break; case 5>=5:printf("Shaun of the Dead"); } }</pre> <p>Choose all that apply:</p> <p>(A) Anatomy of a Murder (B) Planet of Apes (C) The conversation (D) Shaun of the Dead (E) Compilation error</p>	
5	<p>What will be output when you will execute following c code?</p> <pre>#include<stdio.h> void main(){ switch(0X0){ case NULL:printf("Thierry Henry"); break; case '\0':printf("Steven Gerrend"); break; case 0: printf("Kaka"); break; default: printf("Michael Ballack"); } }</pre> <p>Choose all that apply:</p> <p>(A) Thierry Henry (B) Steven Gerrend (C) Kaka (D) Michael Ballack (E) Compilation error</p>	

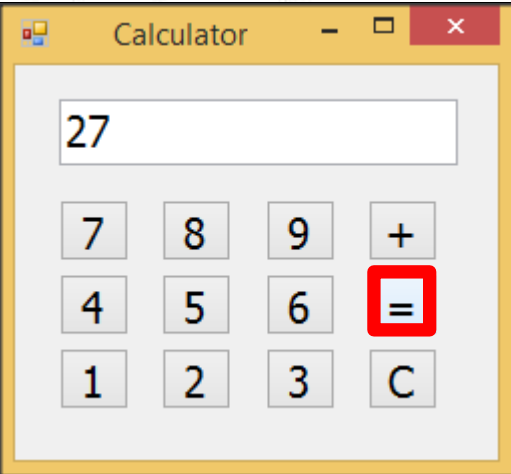
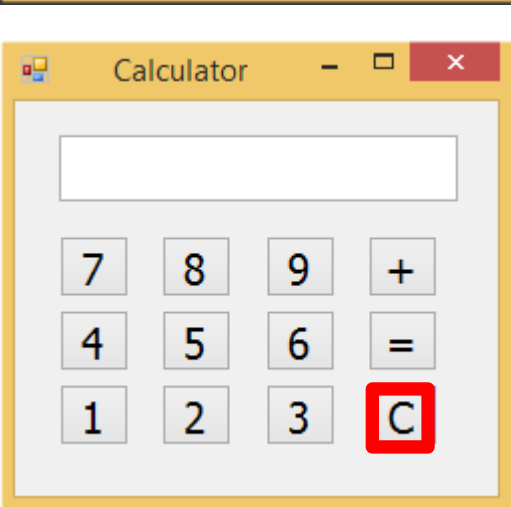
6	<p>What will be output when you will execute following c code?</p> <pre>#include<stdio.h> void main(){ unsigned char c=280; switch(c){ printf("Start\t"); case 280:printf("David Beckham\t"); case 24: printf("Ronaldinho\t"); default: printf("Ronaldo\t"); printf("End"); } }</pre> <p>Choose all that apply:</p> <p>(A) Start David Beckham Ronaldinho Ronaldo End</p> <p>(B) Start David Beckham Ronaldinho Ronaldo</p> <p>(C) Start Ronaldinho Ronaldo End</p> <p>(D) Ronaldinho Ronaldo End</p> <p>(E) Compilation error</p>	
7	<p>What will be output when you will execute following c code?</p> <pre>#include<stdio.h> void main(){ static int i; int j=1; int arr[5]={1,2,3,4}; switch(arr[j]){ case 1: i++;break; case 2: i+=2;j=3;continue;</pre>	

	<pre> case 3: i%=2;j=4;continue; default: --i; } printf("%d",i); } </pre> <p>Choose all that apply:</p> <p>(A) 0 (B) 1 (C) 2 (D) Compilation error (E) None of the above</p>	
8	<p>What will be output when you will execute following c code?</p> <pre> #include<stdio.h> void main(){ int x=3; while(1){ switch(x){ case 5/2: x+=x+++x; case 3%4: x+=x---x;continue; case 3>=3: x+=!!x;break; case 5&&0:x+=~~~x;continue; default: x+=-x--; } break; } printf("%d",x); } </pre> <p>Choose all that apply:</p> <p>(A) 3 (B) -1 (C) 5 (D) Compilation error (E) None of the above</p>	

9	<p>What will be output when you will execute following c code?</p> <pre>#include<stdio.h> void main(){ switch(2){ case 1L:printf("No"); case 2L:printf("%s","I"); goto Love; case 3L:printf("Please"); case 4L:Love:printf("Hi"); } }</pre> <p>Choose all that apply:</p> <p>(A) I (B) IPleaseHi (C) IHi (D) Compilation error (E) None of the above</p>	
10	<p>What will be output when you will execute following c code?</p> <pre>#include<stdio.h> void main(){ int a=3,b=2; a=a==b==0; switch(1){ a=a+10; } sizeof(a++); printf("%d",a); }</pre> <p>Choose all that apply:</p>	

(A)	10	
(B)	11	
(C)	12	
(D)	1	
(E)	Compilation error	

Q1	Build the following GUI calculator
interface	 

		
		
initialization	Declare 3 variables for calculator usage 1 st number, 2 nd number, and result	
Number button code	Append a button text (the displayed number) to text box	
(+) code	Convert typed number in text box to integer save it in the 1 st variable Clear text box	
(=) code	Convert typed number in text box to integer save it in the 2 nd variable	
(C) code	Clear text box and variables	

initialization	<p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>
Number button code	<p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>
(+) code	<p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>
(=) code	<p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>
(C) code	<p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>