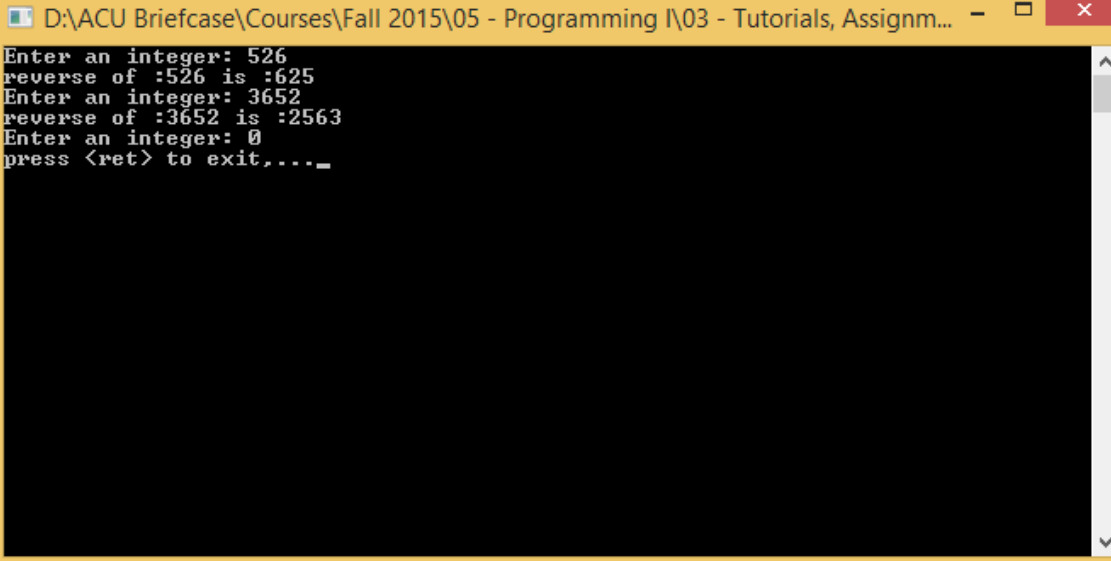
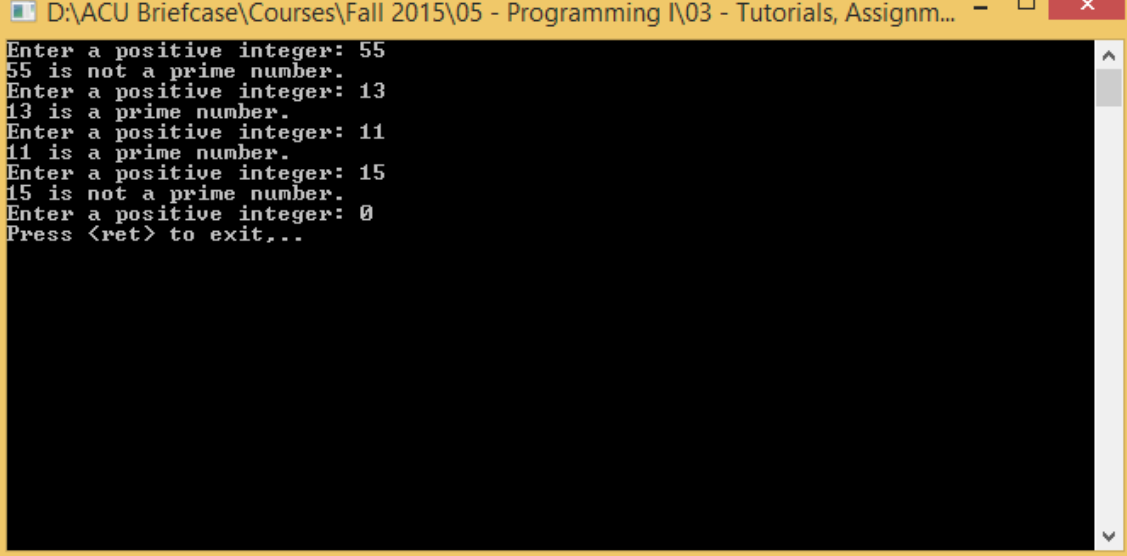


Programming I – Tutorial 04 Branching I

EX 01	Build a console program that Reverse an Integer number, program keep asking user to enter number then convert it till user enter 0
Out 1	
Prog 1	<pre> #include "stdafx.h" #include <iostream> using namespace std; int _tmain(int argc, _TCHAR* argv[]) { int num, reverse, rem,n; while(1) { cout<<"Enter an integer: "; cin>>num; if(num==0) break; reverse=0; n=num; while(n!=0) { rem=n%10; reverse=reverse*10+rem; n/=10; } cout<<"reverse of :"<<num<<" is :"<<reverse<<endl; fflush(stdin); } fflush(stdin); cout<<"press <ret> to exit,..."; cin.get(); return 0; } </pre>

Ex02	Write a program that checks that number is prom or not. Program keep asking and answering till user enter 0
Out 02	 <pre> D:\ACU Briefcase\Courses\Fall 2015\05 - Programming I\03 - Tutorials, Assignm... Enter a positive integer: 55 55 is not a prime number. Enter a positive integer: 13 13 is a prime number. Enter a positive integer: 11 11 is a prime number. Enter a positive integer: 15 15 is not a prime number. Enter a positive integer: 0 Press <ret> to exit,.. </pre>
Prog 02	<pre> #include "stdafx.h" #include <iostream> using namespace std; int _tmain(int argc, _TCHAR* argv[]) { int n,num, i, flag; while(1) { cout<<"Enter a positive integer: "; cin>>num; if(num==0) break; flag=0; for(i=2;i<=num/2;++i) { if(num%i==0) { flag=1; break; } } if (flag==0) cout<<num<<" is a prime number."<<endl; else cout<<num<<" is not a prime number."<<endl; } fflush(stdin); cout<<"Press <ret> to exit,.."<<endl; cin.get(); return 0; } </pre>

#	Question	Answer
1	<p>How many times "word" is get printed?</p> <pre>#include<stdio.h> int main() { int x; for(x=-1; x<=10; x++) { if(x < 5) continue; else break; printf("word"); } return 0; }</pre> <p>A. Infinite times B. 11 times C. 0 times D. 10 times</p>	c
2	<p>Which of the following is not logical operator?</p> <p>A. & B. && C. D. !</p>	a
3	<p>Which of the following cannot be checked in a switch-case statement?</p> <p>A. Character B. Integer C. Float D. enum</p>	c
4	<p>What will be the output of the program?</p> <pre>#include<stdio.h> int main() { char str[]="C-program"; int a = 5; printf(a >10?"Ps\n":"%s\n", str); return 0; }</pre>	a

	<pre> } A. C-program B. Ps C. Error D. None of above </pre>	
5	<p>What will be the output of the program?</p> <pre> #include<stdio.h> int main() { int x = 3; float y = 3.0; if(x == y) printf("x and y are equal"); else printf("x and y are not equal"); return 0; } </pre> <p>A. x and y are equal B. x and y are not equal C. Unpredictable D. No output</p>	a