1)For the given values of x, y, z; evaluate the following expression:

x< y && x > z|| (y+5) > z-2

where :

1. x=9 ,y=5, z=3
2. x=19, y=5, z=18

2)Take two variables x and y initialize them with the values 10 and 15 and then solve the following Conditions:

|  |  |  |
| --- | --- | --- |
| 1. (x>=10) &&(x<20) | 1. (x>=10)&&(y<=15) | 1. (x==10)&& (y>20) |
| 1. (x==10)||(y<20) | 1. (x==10)&&(!(y<20)) | 1. !(x==10)||(y=15) |

3)Find out the order of evaluation of following expression:

1) C- A + B \* D 2) A || B && C 3) A < B && C || D > A 4) A \* B \* C - D / E \* A 5) A && B || (C>=D)

4) Given the values of a, b ,c evaluate the following expression:

(a > = b) | | ( ! (c = = b) && (c < a ))

Where 1) a = 10, b= 5, c = 11 2) a = 10, b= 10,c = 10 3) a = 9, b= 10,c = 2

5) Identify the errors in the following program:

|  |  |  |
| --- | --- | --- |
| 1. #include<iostream.h>   #include<conio.h>  main()  {  x = 5;  cout<<”x=”<<x;  } | 1. #include<iostream.h>   #include<conio.h>  main()  {  int k = i = 50;  k = \* 100;  int temp =k / i ;  } | 1. #include<iostream.h>   #include<conio.h>  main()  {  int k , i = 20;  k= i +++++ i ;  } |

6)Find out the output of following program:

|  |  |  |
| --- | --- | --- |
| 1. #include<iostream.h>   #include<conio.h>  main()  {  int a, b, c;  a=0; b=4; c=5;  a= +c + ++ b/c;  cout<<”a=”<<a;  } | 1. #include<iostream.h>   #include<conio.h>  main()  {  int x,y=20;  x =20 / 2 \* y;  cout<<”\n x=”<<x;  } | 1. #include<iostream.h>   #include<conio.h>  main()  {  int a=5;  a=a>10;  cout<<a;  } |
| 1. #include<iostream.h>   #include<conio.h>  main()  {  int i=10;  i= i==10;  cout<<i;  } | 1. #include<iostream.h>   #include<conio.h>  main()  {  int a;  a=7/3;  cout<<a;  } | 1. #include<iostream.h>   #include<conio.h>  main()  {  float cin=50.23;  cout<<”cin =”<<cin;  } |

1. Write the program to calculate the cube of a number entered by the user at run time.
2. Write the program to read the values of w, x, y, and z and display the value of p, where

p = w + x

y – z

1. Wap to convert a given no of days into years, weeks and days.
2. Wap to that accepts a character between a to j and prints next four characters.
3. Wap to accept your height in centimeters and then convert then to feet and inches. (1 foot= 12 inches, 1 inch= 2.5 cm)
4. A computer program contest requires teams of 5 members each write a program that asks for the no. of players, and then gives the number of teams and the no of players left out.