Assignment – 1

1.Take 2 integer values in two variables x and y and print their product.

#Include<iostream>

Using namespace std;

Int main ()

{

int x=10;

Int y=25;

Cout <<x\*y<<endl;

return 0;

}

2.Print the ASCII value of character 'U'.

Ans. #Include<iostream>

Using namespace std;

Int main ()

{

Cout<<"ASCII value of U is"<<int 'U'<<endl;

return 0;

}

3. Write a C++ program to take length and breadth of a rectangle and print its area.

Ans. #Include<iostream>

Using namespace std;

Int main ()

{

Int length =15;

Int breadth =20;

Cout<<"length "<<length <<endl;

Cout<<"breadth"<<breadth <<endl;

Int area = length \* breadth;

Cout <<"Area is " <<area<< endl;

return 0;

}

4.write a C++ program to calculate a cube of a number

Ans. #Include<iostream>

Using namespace std;

Int main ()

{

Int x=3;

Int cube;

Cout <<"cube of the number is "<<x\*x\*x<<endl;

return 0;

}

5.write a C++ program to find size of basic data types.

Ans. #Include<iostream>

Using namespace std;

Int main ()

{

Cout<<"\n Size of fundamental data types:\n";

Cout<<"the size of (char):"<<size of (char) <<"bytes\n";

Cout<<"the size of (short):"<<size of (short) <<"bytes\n";

Cout<<"the size of (int):"<<size of (int) <<"bytes\n";

Cout<<"the size of (long):"<<size of (long) <<"bytes\n";

Cout<<"the size of (long long ):"<<size of (long long ) <<"bytes\n";

Cout<<"the size of (float):"<<size of (float) <<"bytes\n";

Cout<<"the size of (double):"<<size of (double) <<"bytes\n";

Cout<<"the size of (long double ):"<<size of (long double ) <<"bytes\n";

Cout<<"the size of (bool):"<<size of (bool) <<"bytes\n";

return 0;

}

6.write a C++ program to swap two no. With the help of third variable.

Ans. #Include<iostream>

Using namespace std;

Int main ()

{

Cout<<"\n\n swap two numbers :\n";

Cout<<"\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \n";

int n1 = 14, n2= 24 temp;

Cout<<"Before swapping the 1st number is : "<<n1<<"\n";

Cout<<"Before swapping the 2nd number is : "<<n2<<"\n";

temp =n2;

n2= n1;

n1 = temp;

Cout<<"After swapping the 1st number is : "<<n1<<"\n";

Cout<<"After swapping the 2nd number is : "<<n2<<"\n";