1. Write a program to print hello world on the screen

#include <stdio.h>

int main()

{

printf("hello world");

return 0;

}

1. Write a program that generate the following output

10, 20, 19

Use an integer constant for 10, an arithmetic C++ ASSIGNMENT operator to generate the 20, and a decrement operator to generate 19.

#include <iostream>

using namespace std;

int main()

{

int var = 10, b;

cout << var << endl;

b = var\*2;

cout << b-- << endl;

cout << b << endl;

return 0;

}

/tmp/VfqwiLK7Lk.o

10

20

19

1. Write a program that asks the user to enter a radius value and then compute the volume of a sphere with the input radius.

#include <stdio.h>

int main ()

{

float radius = 0; float volume; float pie = 0;

printf ("Enter radius");

scanf ("%f", &radius);

pie = 22 / 7;

volume = (4\*pie\*radius\*radius\*radius)/3;

printf ("the volume is %f", volume);

return 0;

}

Output

/tmp/7asoxUYEd2.o

Enter radius30

the volume is 108000.000000