|  |
| --- |
|  |
| JIMMA UNIVERSITY INSTITUTE OF TECHNOLOGY |
| DEPARTMENT OF INFORMATION SCIENCE |
|  |
| **Salem Mierab** |
| **ID NUMBER 1697** |

1.//calculate the production of three integer

#include<iostream>

#include<coni.h>

Using namespace std;

Main()

{

Int a,b.c ;

Cout<<”Enter 3 numbers”<<end1;

Cin>>a>>b>>c;

Cout<<”sum=”<<a+b+c<<endl;

Cout<<”product=”a\*b\*c<<end1;

Cout<<”Average=”<<(a+b+c)/3<<end1;

}

2.write a program that accept two integers and display the sum difference product and division of the two numbers .the program should also state the greater and smaller number .

#include<iostream>

Using namespace std;

Int main()

Num1=int(input (“Enter first number:”))

Num2=int(input(“Enter second number:”))

Sum=num1+num2

Diff=num1-num2

Prod=num1\*num2

quot=num1/num2

print(“sum:”,sum)

print(“difference:”,diff)

print(“product:”,prod)

print(“quotient:”,quot

if num1>num2:

print(num1,”is greater than”, num2)

if num1<num2:

print(num2, “is greater than”, num1)

else:

print(“both numbers are equal”)

3. write a program the calculate and display the circumference of a circle.

#include<iostream>

Using namespace stud;

#define PI 3.141

Int main () {

Float radius, circumference;

Cout<<”Enter radius of circle\n”

Cin>>radius;

//circumference of circle = 2 x PI x Radius circumference = 2\*PI\* radius;

Cout<<”circumference of circle:” <<circumference;

Return o;

}

4. write a program to solve a quadratic equation

Hint y=ax2 + bx + c

Root= (-b+\_ sqrt(b2-4ac))/2a

a = float (input(enter the value of coefficient

a:”))

b = float(input(“enter the value of coefficient

b:”))

c = float (input(“enter the value of coefficient

c:”))

5. program that prompts thr user to enter at last three course mark and calculate the sum, average, and grade status (pass or fail):

#include <isotream>

Using namespace std:

Int main ()

{

Int n;

Int sum = 0;

Int max = 0;

Int count = 0;

Float average ;

Count << “enter marks seoarated by spaces, terminate input with a letter:”;

While (cin>>n)

}

Sum + = n

Count + = 1 ;

If (max < n )

Max = n ;

Average = (float) sum/ count;

Cout << “total marks = “sum<<end1;

Cout << “highest score = “<max<<end1;

Cout<< “average mark = ”<<average <<end1;

Return 0;