LAB-2 KidUS Abebe Roll no: 2106285 Branch: IT

Section: 03

```
Harchade coofream)
   using name space std;
    int main ()
      int a b;
      Cout << " Give two numbers to add " << end;
      Ciu >> a >> b?
      it sum: ats;
      Couter " Frum of " exace" and " ex bec " is " ex sun";
      tetura 0;
output
       two numbers to add
Jun of 2 and 3 15 5.
@ #inchele <iostream>
    voing namespace Ad;
    ind main ()
    f floot f, c;
        Contie" give tamperature in jarenheit """ ?;
        Cin>>f;
        C= (f-32) * %;
        Cout is << " The Tengersture in certagade is " << C",
        return 0;
 output
      a temperature in foreshest
```

The temperature in catigorade: 0.

```
3
   #include cio Gream>
    using namespace std;
    () war (in)
    E into r;
        float a;
        Cout « " Give a radius of a circle In";
       Ciusy ro,
        a = 3.44 * r * r;
       Cout ze" The area of your circle is " a accord!;
       return 0°,
 out put
 Give a radius of a circle
The area of your circle is 314
@ # include < costrour>
    using namespace std;
     () man ()
    { who hib?
        float a;
        Cout it " Give the height and base of your transfe respectively in";
        Ciu >> h>> b?
         a = 0.5* h*b;
        Cout x < "The onea of your circle is " ec a ec end!;
        return 0;
      the height and base of your
                                  triagle respectively
  The area of your circle
```

#include = iostream> using name space std; ind main () int aibic; Coul ec' crive two numbers ("); cumanbo, Cont ec "Values begore suap one " « a « « and " « b « and); C= a; a = b? b= Ci Contec" Values after smap are " « a « "and" « b « and!; return 0; autent Give two numbers Values before snap are I and 2 Values agter swap are 2 and 1. # #include < io Arecom> using namespace std; it main () it a, b, larged: Cont « " Give two numbers In"; Carr a >> b ; largest = asb? a:b; Count ce" the largest of the two is "ex largest; retor 0; typing

The largest of the two is 3.

Gue two numbers

include 2 is streams Using name space Ad; () man (). char alpha; Cout " Please give an alphabet In"; C:u >> alpha? if (is upper (alpha) == 1) Cout ex alpha ex" is already uppertase In"; alpha = toupper(alpha); Cont ex alpha; return 0; output Please give an alphabet 1 # include 2 is stream> # include « iomaisp> using namespace old; () man () float a.b. operation, result; Cout et " please give two numbers In"; com >> a >> b? Cout ce" Choose the number associated with the operation your wont to person la 1. Addita la 2. subtraction la 3. Mutteplication la 4. Division la "; Cin>> operation : if (operation == 1) result = atb? Cout 4 "Result is" 4 result 4 end ; }

```
else if ( operation == 2)
  tesult = a - b?
      Cont ex "Result :s " « result « end 1;
else : ( aperation == 3)
   result = a*b;
 Court ex " Result is" as result as and!",
else if ( operation == 4)
  result = a /6;
   Cout « " heart is " ce set precision (4) « result « and!;
else cont « "Invalid choice" « and ),
Leten 0;
3.
 out pust
Please give two numbers
Change the number associated with your requirement
1. Add: tran
2. Subtraction
8. MuHiplication
4. Division
Result is 5.
(9) # include ciosfram)
  using samespace Ad;
     for( i=1: i = 20; i++)
     lost ecies" " uedl?
     return 0; 3
```

1 # include Livethream> Using name space old; () when this int start, end, is contac "Please give the range of numbers you want to see in"; Cin>> Start s> end for (i = start ; iz= and; it+) Cont cc àcc end? retur 0; output Please give the range of numbers you mail to see #include 1 in Arcom) voring name space old; () wan () int no temp, result = 1; Cont = c "Give a number" < ead!? Ciur) nº, for (int i=n; i>=1; i--) result *=1 Cout ex" The gactorial of " ex n ex": s" ex result exends; return. Oi tugtion Give a number The factorial of S is 120,

```
12 #include < incheans
    Ustry namespace Std;
    ( Insum tio
       ind 1, row =0, 800 =0;
        Court ex" Provide a number 1 " "
        Can is wi
        while (n1=0)
           ran = 1 % 10;
           v1=10;
           dunt = ron;
    Cout ex "The sun of digits of your number is " a sun ce end!;
     return o;
 autrut
Provide a number
 123
 The sum of dyets of your number is 6
(13) # include / costroan)
    Using namespace Ad;
     ( Iman tis
      ? (a= two) , ~ tui
        Cout ec " Provide a number \";
         Carry vo,
         for (int 2=1; 2=1; 2+1)
          ( if ( n% i == 0)
            count ++ o,
        if ( count 1=2)
           Court een « 'Is not a prine water ";
            cont une " Is a prime number in".
            retur 0: 7.
```

Provide a number

11
11:5 a prime number

and the state of