**Addition of two numbers using while loop**

#include<iostream.h>

#include<conio.h>

void main()

{

inta,b,c,ch;

ch=1;

clrscr();

while(ch==1)

{

cout<<"enter value of a";

cin>>a;

cout<<"enter value of b";

cin>>b;

c=a+b;

cout<<"sum of ab "<<c<<endl;

cout<<"you want again";

cin>>ch;

}

}

**Sqare of a number using while loop**

#include<iostream.h>

#include<conio.h>

void main()

{

inta,b,c,ch;

ch=1;

clrscr();

while(ch>=1)

{

cout<<"enter value of a";

cin>>a;

c=a\*a;

}

}

**Table of multiplication using while loop**

#include<iostream.h>

#include<conio.h>

void main()

{

inta,i,c,ch;

ch=1;

clrscr();

while(ch>=1)

{

cout<<"enter value of a";

cin>>a;

for(i=1;i<=10;i++)

cout<<i<<" \* "<<a<<" = "<<i\*a<<endl;

}

}

**Using Array**

#include<iostream.h>

#include<conio.h>

void main()

{

int marks[5]={32,23,5,7,8};

int i;

clrxsr();

for(i=0;i<=4;i++)

cout<<marks{i}<<endl;

getch()

}

**Taking sqare of array**

#include<iostream.h>

#include<conio.h>

void main()

{

int marks[5]={32,23,5,7,8};

int i;

clrxsr();

for(i=0;i<=4;i++)

cout<<marks{i}<<endl;

getch()

}

**Addition in array**

#include<iostream.h>

#include<conio.h>

void main()

{

int marks[5];

int i,b;

b=0;

clrscr();

for(i=0;i<=4;i++)

{

cin>>

marks[i];

b=b+marks[i];

}

cout<<"sum"<<b<<endl;

getch();

}

**Counting of zeros ,Positive and Negative Numbers**

#include<iostream.h>

#include<conio.h>

void main()

{

int marks[5];

int i,b,p=0,n=0,z=0;

clrscr();

for(i=0;i<=10;i++)

{

cin>>marks[i];

if(marks[i]==0)

z=z+1;

if(marks[i]<=0)

n=n+1;

if(marks[i]>=0)

p=p+1;

}

cout<<"positive"<<p<<endl;

cout<<"negative"<<n<<endl;

cout<<"zero"<<z<<endl;

getch();

}

Week 11

Array

#include<iostream.h>

#include<conio.h>

void main()

{

int marks[5]={32,23,5,7,8};

int i;

clrxsr();

for(i=0;i<=4;i++)

cout<<marks{i}<<endl;

getch()

}

Addition of array

#include<iostream.h>

#include<conio.h>

void main()

{

int marks[5];

int i,b;

b=0;

clrscr();

for(i=0;i<=4;i++)

{

cin>>

marks[i];

b=b+marks[i];

}

cout<<"sum"<<b<<endl;

getch();

}

Array positive negative and zero counter

#include<iostream.h>

#include<conio.h>

void main()

{

int marks[5];

int i,b,p=0,n=0,z=0;

b=0;

clrscr();

for(i=0;i<=10;i++)

{

cin>>marks[i];

if(marks[i]==0)

z=z+1;

if(marks[i]<=0)

n=n+1;

if(marks[i]>=0)

p=p+1;

}

cout<<"positive"<<p<<endl;

cout<<"negative"<<n<<endl;

cout<<"zero"<<z<<endl;

getch();

}

Array average

#include<iostream.h>

#include<conio.h>

void main()

{

int marks[5],a=0,b=0;

int i;

clrscr();

for(i=1;i<=5;i++)

{

cin>>marks[i];

a=a+marks[i];

b=b+1;

}

cout<<"average ="<<a/b<<endl;

getch();

}

Array maximum number detecter

#include<iostream.h>

#include<conio.h>

void main()

{

int marks[10],a=0;

int i;

clrscr();

for(i=0;i<=9;i++)

{

cin>>marks[i];

if(marks[i]>a)

{

a=marks[i];

}

}

cout<<"max"<<a;

getch();

}

Week 12

Structure

#include<iostream.h>

#include<conio.h>

void main ()

{

struct students

{

int r,m;

char n[10];

float p;

};

students s[2];

int i;

clrscr();

for(i=0;i<2;i++)

{

cout<<"Enter Rollno,Name,marks = "<<endl;

cin>>s[i].r>>s[i].n>>s[i].m;

s[i].p =s[i].m\*100.0/800;

}

for(i=0;i<2;i++)

{

cout<<"Roll no ="<<s[i].r<<endl;

cout<<"Name ="<<s[i].n<<endl;

cout<<"Marks ="<<s[i].m<<endl;

cout<<"Percentage ="<<s[i].p;

}

getch();

}

**Void commands**

#include<iostream.h>

#include<conio.h>

void add();

void main()

{

clrscr();

add();

getch();

}

void add()

{

int a,b,c;

cout<<"enter value of a and b= ";

cin>>a>>b;

c=a+b;

cout<<"sum = "<<c;

}

**Using void show command**

#include<iostream.h>

#include<conio.h>

void show(int x);

void main()

{

int a;

clrscr();

cout<<"enter value of a=";

cin>>a;

show(a);

getch();

}

void show(int x)

{

cout<<"value of a"<<x;

}