25-01-22

//1prgrm to swap two variable

#include<stdio.h>

int main()

{

  int a,b,c;

a=1;

b=2;

printf("Value before swap:%d %d",a,b);

c=b;

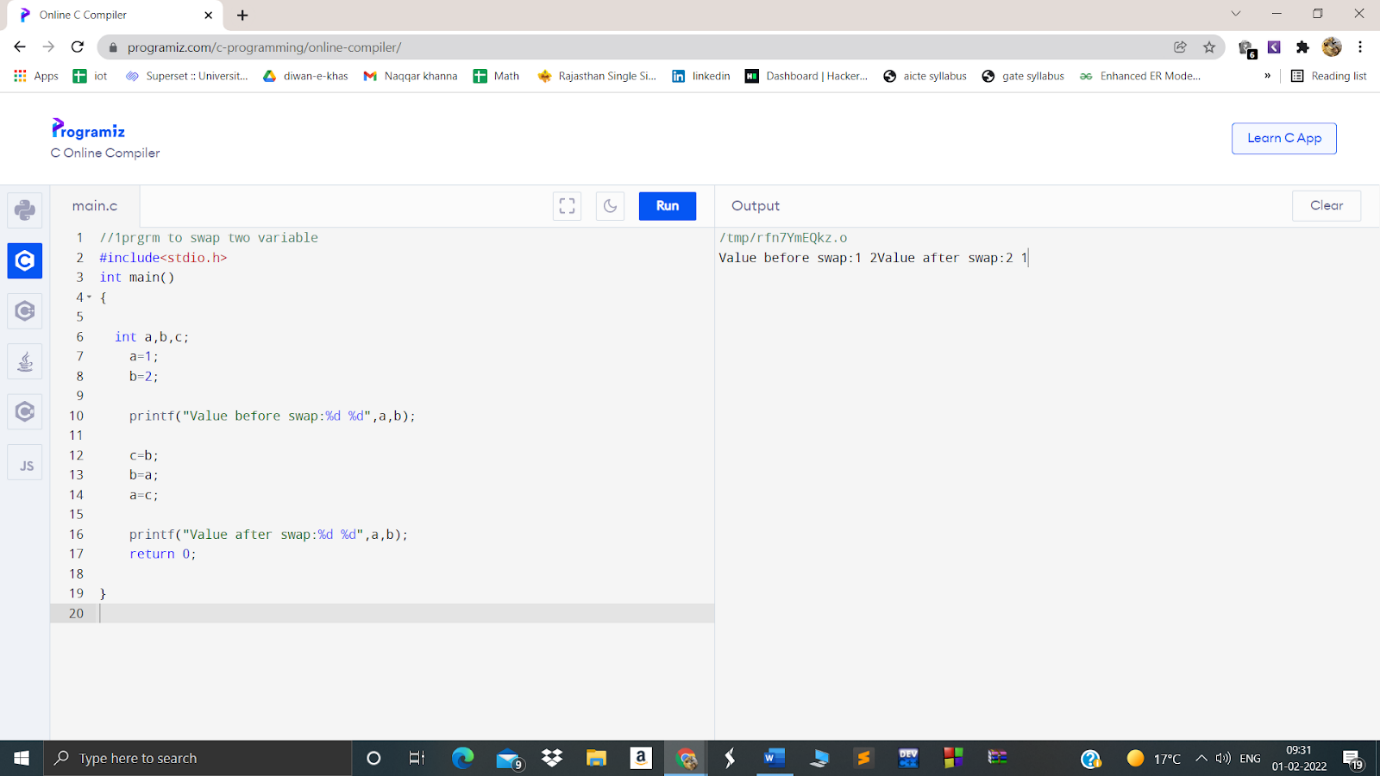
b=a;

a=c;

printf("Value after swap:%d %d",a,b);

return 0;

}



//2  prgm to swap two variable using 3rd variable

#include<stdio.h>

 int main()

{

int a=10, b=20;

printf("Before swap a=%d b=%d",a,b);

a=a+b;//a=30 (10+20)

b=a-b;//b=10 (30-20)

a=a-b;//a=20 (30-10)

printf("\nAfter swap a=%d b=%d",a,b);

return 0;

}

Output:

Before swapping.

a = 5, b = 10

After swapping.

a = 10, b = 5

.

//3prgm to find area of circle

#include<stdio.h>

#include<conio.h>

#include<math.h>

int main()

{

float radius, area;

printf("\nEnter the radius of Circle : ");

scanf("%d",&radius);

printf("\nRadiusof Circle : %d",radius);

area = 3.14 \* radius \* radius;

printf("\nArea of Circle : %f", area);

return (0);

}

|  |  |
| --- | --- |
| 1  2 | .Enter the radius of Circle : 2.0  Area of Circle : 6.14 |

// 4 c prgram to finda area of Square

#include<stdio.h>

int main() {

int side, area;

printf("\nEnter the Length of Side : ");

scanf("%d", &side);

area = side \* side;

printf("\nArea of Square : %d", area);

return (0);

}

Output:

Enter the Length of Side : 4

Area of Square : 16

//6 C prgm to finda area of rectangle

#include <stdio.h>

int main()

{

int width=5;

int height=10;

int area=width\*height;

printf("Area of the rectangle=%d",area);

}

Output:Area of the rectangle=50

// c Prgm to calculate Simple interest using C++

#include<stdio.h>

int main()

{

float P , R , T , SI ;

P =34000; R =30; T = 5;

SI = (P\*R\*T)/100;

printf("\n\n Simple Interest is : %f", SI);

return (0);

}

Output:Simple Interest is : 51000.000000

//12 prgm to calculate Simple interest using C++

#include<iostream>

using namespace std;

int main()

{

int p,r,t,i;

cout << "\n\n Calculate the Simple Interest :\n";

cout << " -----------------------------------\n";

cout<<" Input the Principle: ";

cin>>p;

cout<<" Input the Rate of Interest: ";

cin>>r;

cout<<" Input the Time: ";

cin>>t;

i=(p\*r\*t)/100;

cout<<" The Simple interest for the amount "<<p<<" for "<<t<<" years @ "<<r<<" % is: "<<i;

        cout << endl;

return 0;

}

//8C prgm To calculate Compount interest

|  |  |
| --- | --- |
|  | #include<stdio.h>  #include<math.h>    void main()  {  float p,r,t,ci;  printf("Enter Principle, Rate and Time: ");  scanf("%f%f%f",&p,&r,&t);  ci=p\*pow((1+r/100),t);  printf("Bank Loans Compound Interest = %f%",ci);  } |

**Output**

*Enter Principle, Rate and Time: 2000*

*2*

*3*

*Bank Loans Compound Interest = 2122.415771*

//9

#include <stdio.h>

int main() {

    int num;

    printf("Enter an integer: ");

    scanf("%d", &num);

    // true if num is perfectly divisible by 2

    if(num % 2 == 0)

        printf("%d is even.", num);

    else

        printf("%d is odd.", num);

    return 0;

}

Enter an integer: -7

-7 is odd.

//10.      WAP to check meter to kilometer and if it is greater then 5 then print “Home delivery is not available “ else  print “Home delivery is available”

#include<stdio.h>

#include<conio.h>

int main()

{

int a;

float b;

scanf("%d",&a);

b = a/1000;

if(b>5)

printf("Home delivery is Available");

else

printf("not available");

getch();

}

Output:Home Delievery

11WAP to Find Biggest number out of 3 numbers.

#include <stdio.h>

#include <conio.h>

void main()

{

int a, b, c;

clrscr();

printf("\nGreater Out of 3>> \n");

printf("Enter 3 Numbers >\n");

scanf("%d", &a);

scanf("%d", &b);

scanf("%d", &c);

printf("Greter is ");

if (a > c)

if (a > b)

printf("%d",a);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

getch();

}

OUTPUT:

4 7 9

Largest Number:9

// 12 C prgrm to find greater among 4

#include <stdio.h>

#include <conio.h>

void main()

{

int a, b, c, d;

clrscr();

printf("\nGreater Out of 4>> \n");

printf("Enter 4 Numbers >\n");

scanf("%d", &a);

scanf("%d", &b);

scanf("%d", &c);

scanf("%d", &d);

printf("Greter is ");

if (a > d)

if (a > c)

if (a > b)

printf("%d",a);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

getch();

}

OUTPUT:

Enter four number:1 4 7 9

Largest Number:9

//13 C prgm to find Biggest out of 5 number

1. **int** main()
2. {
3. **int** a = 10, b = 50, c = 20, d = 25;
4. cout << "a=" << a << " b=" << b << " c=" << c << " d=" << d;
5. cout << "\n";
6. find\_greatest(a, b, c, d);
7. a = 35, b = 50, c = 99, d = 2;
8. cout << "\n";
9. cout << "a=" << a << " b=" << b << " c=" << c << " d=" << d;
10. cout << "\n";
11. find\_greatest(a, b, c, d);
13. **return** 0;
14. }

OUTPUT:

Enter four number:1 4 7 9 0

Largest Number:9

//14 C prgm to find greater among 6 variable

#include <stdio.h>

#include <conio.h>

void main()

{

int a, b, c, d, e, f;

clrscr();

printf("\nGreater Out of 6>> \n");

printf("Enter 6 Numbers >\n");

scanf("%d", &a);

scanf("%d", &b);

scanf("%d", &c);

scanf("%d", &d);

scanf("%d", &e);

scanf("%d", &f);

printf("Greter is ");

if (a > f)

if (a > e)

if (a > d)

if (a > c)

if (a > b)

printf("%d",a);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

getch();

}

OUTPUT:

Enter the number:11,2,4,5,9,0

Largest:11

//15 C prgm to find greater among 7 variable

#include <stdio.h>

#include <conio.h>

void main()

{

int a, b, c, d, e, f, g;

clrscr();

printf("\nGreater Out of 7>> \n");

printf("Enter 7 Numbers >\n");

scanf("%d", &a);

scanf("%d", &b);

scanf("%d", &c);

scanf("%d", &d);

scanf("%d", &e);

scanf("%d", &f);

scanf("%d", &g);

printf("Greter is ");

if (a > g)

if (a > f)

if (a > e)

if (a > d)

if (a > c)

if (a > b)

printf("%d",a);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (g > f)

if (g > e)

if (g > d)

if (g > c)

if (g > b)

printf("%d",g);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

getch();

}

Output:1,3,5,7,9,0,11

Largerst:11

//16     WAP to Find Biggest number out of 8 numbers.

#include <stdio.h>

#include <conio.h>

void main()

{

int a, b, c, d, e, f, g, h;

clrscr();

printf("\nGreater Out of 8>> \n");

printf("Enter 8 Numbers >\n");

scanf("%d", &a);

scanf("%d", &b);

scanf("%d", &c);

scanf("%d", &d);

scanf("%d", &e);

scanf("%d", &f);

scanf("%d", &g);

scanf("%d", &h);

printf("Greter is ");

if (a > h)

if (a > g)

if (a > f)

if (a > e)

if (a > d)

if (a > c)

if (a > b)

printf("%d",a);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (g > f)

if (g > e)

if (g > d)

if (g > c)

if (g > b)

printf("%d",g);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (h > g)

if (h > f)

if (h > e)

if (h > d)

if (h > c)

if (h > b)

printf("%d",h);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (g > f)

if (g > e)

if (g > d)

if (g > c)

if (g > b)

printf("%d",g);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

getch();

}

//16      WAP to Find Biggest number out of 8 numbers.

 C++

#include <iostream>

Using namespace std;

void main()

{

int a, b, c, d, e, f, g, h;

clrscr();

cout<<Greater Out of 8;

cout<<Enter 8 Numbers ;

cin>>a>>b>>c>>d>>e>>f>>g>>h;

printf("Greter is ");

if (a > h)

if (a > g)

if (a > f)

if (a > e)

if (a > d)

if (a > c)

if (a > b)

printf("%d",a);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (g > f)

if (g > e)

if (g > d)

if (g > c)

if (g > b)

printf("%d",g);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (h > g)

if (h > f)

if (h > e)

if (h > d)

if (h > c)

if (h > b)

printf("%d",h);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (g > f)

if (g > e)

if (g > d)

if (g > c)

if (g > b)

printf("%d",g);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

getch();

}

//17 c prgm to find greatest among 9

#include <stdio.h>

#include <conio.h>

void main()

{

int a, b, c, d, e, f, g, h, i, j;

clrscr();

printf("\nGreater Out of 9>> \n");

printf("Enter 9 Numbers >\n");

scanf("%d", &a);

scanf("%d", &b);

scanf("%d", &c);

scanf("%d", &d);

scanf("%d", &e);

scanf("%d", &f);

scanf("%d", &g);

scanf("%d", &h);

scanf("%d", &i);

printf("Greter is ");

if (a > i)

if (a > h)

if (a > g)

if (a > f)

if (a > e)

if (a > d)

if (a > c)

if (a > b)

printf("%d",a);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (g > f)

if (g > e)

if (g > d)

if (g > c)

if (g > b)

printf("%d",g);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (h > g)

if (h > f)

if (h > e)

if (h > d)

if (h > c)

if (h > b)

printf("%d",h);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (g > f)

if (g > e)

if (g > d)

if (g > c)

if (g > b)

printf("%d",g);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (i > h)

if (i > g)

if (i > f)

if (i > e)

if (i > d)

if (i > c)

if (i > b)

printf("%d",i);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (g > f)

if (g > e)

if (g > d)

if (g > c)

if (g > b)

printf("%d",g);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (h > g)

if (h > f)

if (h > e)

if (h > d)

if (h > c)

if (h > b)

printf("%d",h);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (g > f)

if (g > e)

if (g > d)

if (g > c)

if (g > b)

printf("%d",g);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

getch();

}

OUTPUT:0,2,4,6,8,10,12,14,18

Largest:14

//18 Cprgm to find greatest among 10

#include <stdio.h>

#include <conio.h>

void main()

{

int a, b, c, d, e, f, g, h, i, j;

clrscr();

printf("\nGreater Out of 10>> \n");

printf("Enter 10 Numbers >\n");

scanf("%d", &a);

scanf("%d", &b);

scanf("%d", &c);

scanf("%d", &d);

scanf("%d", &e);

scanf("%d", &f);

scanf("%d", &g);

scanf("%d", &h);

scanf("%d", &i);

scanf("%d", &j);

printf("Greter is ");

if (a > j)

if (a > i)

if (a > h)

if (a > g)

if (a > f)

if (a > e)

if (a > d)

if (a > c)

if (a > b)

printf("%d",a);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (g > f)

if (g > e)

if (g > d)

if (g > c)

if (g > b)

printf("%d",g);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (h > g)

if (h > f)

if (h > e)

if (h > d)

if (h > c)

if (h > b)

printf("%d",h);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (g > f)

if (g > e)

if (g > d)

if (g > c)

if (g > b)

printf("%d",g);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (i > h)

if (i > g)

if (i > f)

if (i > e)

if (i > d)

if (i > c)

if (i > b)

printf("%d",i);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (g > f)

if (g > e)

if (g > d)

if (g > c)

if (g > b)

printf("%d",g);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (h > g)

if (h > f)

if (h > e)

if (h > d)

if (h > c)

if (h > b)

printf("%d",h);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (g > f)

if (g > e)

if (g > d)

if (g > c)

if (g > b)

printf("%d",g);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

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printf("%d",b);

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if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (j > i)

if (j > h)

if (j > g)

if (j > f)

if (j > e)

if (j > d)

if (j > c)

if (j > b)

printf("%d",j);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (g > f)

if (g > e)

if (g > d)

if (g > c)

if (g > b)

printf("%d",g);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (h > g)

if (h > f)

if (h > e)

if (h > d)

if (h > c)

if (h > b)

printf("%d",h);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (g > f)

if (g > e)

if (g > d)

if (g > c)

if (g > b)

printf("%d",g);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (i > h)

if (i > g)

if (i > f)

if (i > e)

if (i > d)

if (i > c)

if (i > b)

printf("%d",i);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (g > f)

if (g > e)

if (g > d)

if (g > c)

if (g > b)

printf("%d",g);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

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if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

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if (d > c)

if (d > b)

printf("%d",d);

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else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (h > g)

if (h > f)

if (h > e)

if (h > d)

if (h > c)

if (h > b)

printf("%d",h);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

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if (d > c)

if (d > b)

printf("%d",d);

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if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

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if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (g > f)

if (g > e)

if (g > d)

if (g > c)

if (g > b)

printf("%d",g);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (f > e)

if (f > d)

if (f > c)

if (f > b)

printf("%d",f);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (e > d)

if (e > c)

if (e > b)

printf("%d",e);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

else

if (d > c)

if (d > b)

printf("%d",d);

else

printf("%d",b);

else

if (c > b)

printf("%d",c);

else

printf("%d",b);

getch();

}

Output:1,2,3,4,5,6,7,8,9,10,11

Largest:11

28-01-22

//19 Prgm: C prgrm to calculate Factorial of a Number using For loop

#include<stdio.h>

#include<conio.h>

int main()

{

int number=5,res=1,i;

int t=number;

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

{

res=number\*res;

number=number-1;

}

printf("factorial of 5 is:%d",res);

}

OUTPUT:

Enter number:5

Factorial is :120

//20 Prgm: C prgrm to calculate Factorial of a Number using For loop2nd syntax

 #include<stdio.h>

#include<conio.h>

int main()

{

int number=5,res=1,i;

int t=number;

for(i=0;i<t;)

{

res=number\*res;

number=number-1;

i++;

}

printf("factorial of 5 is:%d",res);

}

Output:

Enter number :5

Factorial is :120

 //21 C prgrm to calculate Factorial of a Number using while loop

  #include<stdio.h>

#include<conio.h>

int main()

{

int number=5,res=1,i;

int t=number;

while(t>0)

{

res=number\*res;

number=number-1;

i++;

t=t-1;}

printf("factorial of 5 is:%d",res);

 }

//22 Find Factorial of a given number (dowhileloop).

#include<stdio.h>

#include<conio.h>

void main()

{

    int n,i=1,f=1;

    clrscr();

    printf("\n Enter The Number:");

    scanf("%d",&n);

    //LOOP TO CALCULATE THE FACTORIAL OF A NUMBER

    do

    {

        f=f\*i;

        i++;

    }while(i<=n);

    printf("\n The Factorial of %d is %d",n,f);

    getch();

}

OUTPUT:

Enter number:5

Factorial is :120

//23  Prgm:C prm to Print reverse of a Number using for loop

#include<stdio.h>

#include<conio.h>

int main()

{

int remainder,res=0,i;

int number,t;

printf("enter the number");

scanf("%d",&number);

t=number;

for(i=0;number!='\0';i++)

{

 remainder =number%10;

res=res\*10+remainder;

number=number/10;

}

printf("Reverse of number:%d",res);

}

OUTPUT:123

Reverse of numbr:321

24:Prgm:C prm to Print reverse of a Number using for loop2

#include<stdio.h>

#include<conio.h>

int main()

{

int remainder,res=0,i;

int number,t;

printf("enter the number");

scanf("%d",&number);

t=number;

for(i=0;number!='\0';)

{

remainder =number%10;

res=res\*10+remainder;

number=number/10;

i++;

}

printf("Reverse of number:%d",res);

}

OUTPUT:123

Reverse:321

//25:Prgm:C prm to Print reverse of a Number using while loop

#include<stdio.h>

#include<conio.h>

int main()

{

int remainder,res=0,i;

int number;

printf("enter the number");

scanf("%d",&number);

while (number!='\0')

{

 remainder =number%10;

res=res\*10+remainder;

number=number/10;

}

printf("Reverse of number:%d",res);

}.

OUTPUT: Enter a number:123

Reverse of number:321

//26 Find reverse of a given number (dowhileloop).

#include<stdio.h>

#include<conio.h>

void main()

{

    int n,a,r,s=0;

    clrscr();

    printf("\n  Enter The Number:");

    scanf("%d",&n);

    a=n;

    //LOOP FOR FINDING THE REVERSE OF A NUMBER

    do

    {

        r=n%10;

        s=s\*10+r;

        n=n/10;

    }while(n>0);

    printf("\n  The Reverse Number of %d is %d",a,s);

    getch();

}

OUTPUT: Enter a number:123

Reverse of number:321

//27 Prgm:C prgrm to count Digits of a Number using for loop 1

#include<stdio.h>

#include<conio.h>

int main()

{

int remainder,res=0,i;

int number,t,count=0;

printf("enter the number");

scanf("%d",&number);

for(i=0;number!='\0';i++)

{

 remainder =number%10;

count++;

number=number/10;

}

printf("Digits of number:%d",count);

}

Output:

Enter number:234

Digits of number:3

//27 Prgm:C prm to count Digits of a Number using for loop2

#include<stdio.h>

#include<conio.h>

int main()

{

int remainder,res=0,i;

int number,t,count=0;

printf("enter the number");

scanf("%d",&number);

for(i=0;number!='\0';)

{

 remainder =number%10;

count++;

number=number/10

i++;

}

printf("Digits of number:%d",count);

}

Output:

Enter number:234

Digits of number:3

//29  Prgm:C prm to count Digits of a Number using while loop

#include<stdio.h>

#include<conio.h>

int main()

{

int remainder,res=0,i;

int number,t,count=0;

printf("enter the number");

scanf("%d",&number);

for(i=0;number!='\0';i++)

{

 remainder =number%10;

count++;

number=number/10;

}

printf("Digits of number:%d",count);

}

Output:

Enter number:234

Digits of number:3

//30 Count digits from a given number (dowhile loop)

#include <stdio.h>

int main() {

  long long n;

  int count = 0;

  printf("Enter an integer: ");

  scanf("%lld", &n);

  // iterate at least once, then until n becomes 0

  // remove last digit from n in each iteration

  // increase count by 1 in each iteration

  do {

    n /= 10;

    ++count;

  } while (n != 0);

  printf("Number of digits: %d", count);

}

Enter an integer: 3452

Number of digits: 4

//31Find sum digits from a given number (forloop1).

#include <stdio.h>

/\* Function to get sum of digits \*/

int getSum(int n)

{

    int sum,i;

    /\* Single line that calculates sum \*/

    for (i = 0; n > ;i++);

sum += n % 10 ;,

 n /= 10;;

    return sum;

}

// Driver code

int main()

{

    int n = 687;

    printf(" %d ", getSum(n));

    return 0;

}

//32 Find sum digits from a given number (forloop2).

#include <stdio.h>

/\* Function to get sum of digits \*/

int getSum(int n)

{

    int sum,i;

    /\* Single line that calculates sum \*/

    for (i = 0; n > ;)

sum += n % 10 ;,

 n /= 10;;

 i++;

    return sum;

}

// Driver code

int main()

{

    int n = 687;

    printf(" %d ", getSum(n));

    return 0;

}

//33   C Find sum of digits from a given number (While oop).

#include<stdio.h>

int main(){

   int n,a,s=0;

   printf("Enter a number: ");

   scanf("%d",&n);

   while(n>0){

       a=n%10;

       s+=a;

       n=n/10;

   }

   printf("\nSum is: %d", s);

   return 0;

}

OUTPUT:

Enter number:246

Sum is =12

//34 C Find sum of digits from a given number (forloop1).

#include<stdio.h>

int main(){

   int n,a,s=0;

   printf("Enter a number: ");

   scanf("%d",&n);

   do{

       a=n%10;

       s+=a;

       n=n/10;

   }while(n>0)

   printf("\nSum is: %d", s);

   return 0;

}

OUTPUT:

246

Sum is:12

//35. WAP to Check that given number is palindrome or not (forloop1).

#include<stdio.h>

#include<conio.h>

void main()

{

    int i,n,r,s=0;

    clrscr();

    printf("\n Enter The Number:");

    scanf("%d",&n);

    //LOOP TO FIND REVERSE OF A NUMBER

    for(i=n;i>0; i=i/10)

    {

        r=i%10;

        s=s\*10+r;

    }

    /\* CHECKING IF THE NUMBER ENTERED AND THE REVERSE NUMBER IS EQUAL OR NOT \*/

    if(s==n)

    {

        printf("\n %d is a Palindrome Number",n);

    }

    else

    {

        printf("\n %d is not a Palindrome Number",n);

    }

    getch();

}

OUTPUT:

Enter the number:121

Number is Pallindrome

//36 WAP to Check that given number is palindrome or not (forloop2).

#include<stdio.h>

#include<conio.h>

void main()

{

    int i,n,r,s=0;

    clrscr();

    printf("\n Enter The Number:");

    scanf("%d",&n);

    //LOOP TO FIND REVERSE OF A NUMBER

    for(i=n;i>0; )

    {

        r=i%10;

        s=s\*10+r;

        i=i/10;

    }

    /\* CHECKING IF THE NUMBER ENTERED AND THE REVERSE NUMBER IS EQUAL OR NOT \*/

    if(s==n)

    {

        printf("\n %d is a Palindrome Number",n);

    }

    else

    {

        printf("\n %d is not a Palindrome Number",n);

    }

    getch();

}

OUTPUT:

Enter the number:121

Number is Pallindrome

///37 WAP to Check that given number is palindrome or not (whileloop)

#include <stdio.h>

int main() {

  int n, reversed = 0, remainder, original;

    printf("Enter an integer: ");

    scanf("%d", &n);

    original = n;

    // reversed integer is stored in reversed variable

    while (n != 0) {

        remainder = n % 10;

        reversed = reversed \* 10 + remainder;

        n /= 10;

    }

    // palindrome if orignal and reversed are equal

    if (original == reversed)

        printf("%d is a palindrome.", original);

    else

        printf("%d is not a palindrome.", original);

    return 0;

}

Enter an integer: 1001

1001 is a palindrome.

//38  WAP to Check that given number is palindrome or not (dowhileloop).

#include <stdio.h>

int main() {

do  {

 int n, reversed = 0, remainder, original;

    printf("Enter an integer: ");

    scanf("%d", &n);

    original = n;

    // reversed integer is stored in reversed variable

        remainder = n % 10;

        reversed = reversed \* 10 + remainder;

        n /= 10;

    }while (n != 0)

    // palindrome if orignal and reversed are equal

    if (original == reversed)

        printf("%d is a palindrome.", original);

    else

        printf("%d is not a palindrome.", original);

    return 0;

}

Enter an integer: 1001

1001 is a palindrome.

//39  WAP to Check that given number is Armstrong Number or not (forloop1

 #include <stdio.h>

void main(){

    int num,r,sum=0,temp;

    printf("Input  a number: ");

    scanf("%d",&num);

    for(temp=num;num!=0;num=num/10){

         r=num % 10;

         sum=sum+(r\*r\*r);

    }

    if(sum==temp)

         printf("%d is an Armstrong number.\n",temp);

    else

         printf("%d is not an Armstrong number.\n",temp);

}

OUTPUT:

Input  a number: 153

153 is an Armstrong number.

//40 WAP to Check that given number is Armstrong Number or not (forloop2)

 #include <stdio.h>

void main(){

    int num,r,sum=0,temp;

    printf("Input  a number: ");

    scanf("%d",&num);

    for(temp=num;num!=0;){

         r=num % 10;

         sum=sum+(r\*r\*r);

num=num/10;

    }

    if(sum==temp)

         printf("%d is an Armstrong number.\n",temp);

    else

         printf("%d is not an Armstrong number.\n",temp);

}

OUTPUT:

Input  a number: 153

153 is an Armstrong number

41.      WAP to Check that given number is Armstrong Number or not (whileloop).

.#include<stdio.h>

 int main()

{

int n,r,sum=0,temp;

printf("enter the number=");

scanf("%d",&n);

temp=n;

while(n>0)

{

r=n%10;

sum=sum+(r\*r\*r);

n=n/10;

}

if(temp==sum)

printf("armstrong  number ");

else

printf("not armstrong number");

return 0;

 }

OUTPUT:

Input  a number: 153

153 is an Armstrong number

42 WAP to check given number is Armstrong Number or not (do while loop)

#include<stdio.h>

#include<conio.h>

void main()

{

    int n,num,r,ans=0;

    clrscr();

    printf("Enter a positive integer: ");

    scanf("%d", &num);

    n=num;

    /\* Loop to calculate the sum of the cubes of its digits \*/

    do

    {

        r=n%10;

        ans=ans+r\*r\*r;

        n=n/10;

    }while(n>0);

    /\* if else condition to print Armstrong or Not \*/

    if(ans==num)

    {

        printf("%d is an Armstrong number.",num);

    }

    else

    {

        printf("%d is not an Armstrong number.",num);

    }

    getch();

}

43  WAP to find factorial of numbers in given range(forloop1).

#include <stdio.h>

int main() {

    int n, i;

    unsigned long long fact = 1;

    printf("Enter an integer: ");

    scanf("%d", &n);

    // shows error if the user enters a negative integer

    if (n < 0)

        printf("Error! Factorial of a negative number doesn't exist.");

    else {

        for (i = 1; i <= n; ++i) {

            fact \*= i;

        }

        printf("Factorial of %d = %llu", n, fact);

    }

    return 0;

}

OUTput

Enter number :120

Factorial is 5

44 WAP to find factorial of numbers in given range(forloop2).

#include <stdio.h>

int main() {

    int n, i;

    unsigned long long fact = 1;

    printf("Enter an integer: ");

    scanf("%d", &n);

    // shows error if the user enters a negative integer

    if (n < 0)

        printf("Error! Factorial of a negative number doesn't exist.");

    else {

        for (i = 1; i <= n;) {

            fact \*= i;

++i;

        }

        printf("Factorial of %d = %llu", n, fact);

    }

    return 0;

}

45   WAP to find factorial of numbers in given range (whileloop).

#include <stdio.h>

int main() {

    int n, i,a,b;

    unsigned long long fact = 1;

  printf(“Enter the starting and final range of number”);

scanf(“%d %d,&a,&b);

while

    printf("Enter an integer: ");

    scanf("%d", &n);

    // shows error if the user enters a negative integer

    if (n < 0)

        printf("Error! Factorial of a negative number doesn't exist.");

    else {

        for (i = 1; i <= n;) {

            fact \*= i;

++i;

        }

        printf("Factorial of %d = %llu", n, fact);

    }

    return 0;

}

46      WAP to find factorial of numbers in given range (do whileloop).

47=Wap to find minimum and maxim of entered numbers (for loop1)

#include <stdio.h>

int main(void) {

int i,max,min,N,x;

printf("Enter N : ");

scanf("%d",&N);

max=0;

min=999;

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

{

printf("Enter x-%d : ",i);

scanf("%d",&x);

if(max < x)

max = x;

if(min > x)

min = x;

}

printf("\n max = %d",max);

printf("\n min = %d",min);

return 0;

}

OUTPUT

Enter N : 4

Enter x-1 : 12

Enter x-2 : 43

Enter x-3 : 2

Enter x-4 : 54

  max = 54

  min = 2

48=Wap to find minimum and maxim of entered numbers (for loop2)

#include <stdio.h>

int main(void) {

int i,max,min,N,x;

printf("Enter N : ");

scanf("%d",&N);

max=0;

min=999;

for(i=1;i<=N;)

{

printf("Enter x-%d : ",i);

scanf("%d",&x);

if(max < x)

max = x;

if(min > x)

min = x;

i++;

}

printf("\n max = %d",max);

printf("\n min = %d",min);

return 0;

}

OUTPUT

Enter N : 4

Enter x-1 : 12

Enter x-2 : 43

Enter x-3 : 2

Enter x-4 : 54

  max = 54

  min = 2

49=Wap to find minimum and maxim of entered numbers (while loop)

#include <stdio.h>

int main(void) {

int i,max,min,N,x;

printf("Enter N : ");

scanf("%d",&N);

max=0;

min=999;

i=1;

while(i<=N)

{

printf("Enter x-%d : ",i);

scanf("%d",&x);

if(max < x)

max = x;

if(min > x)

min = x;

i++;

}

printf("\n max = %d",max);

printf("\n min = %d",min);

return 0;

}

OUTPUT

Enter N : 4

Enter x-1 : 12

Enter x-2 : 43

Enter x-3 : 2

Enter x-4 : 54

  max = 54

  min = 2

49=Wap to find minimum and maxim of entered numbers (dowhile loop)

#include <stdio.h>

int main(void) {

int i,max,min,N,x;

printf("Enter N : ");

scanf("%d",&N);

max=0;

min=999;

i=1;

do

{

printf("Enter x-%d : ",i);

scanf("%d",&x);

if(max < x)

max = x;

if(min > x)

min = x;

i++;

}while(i<=N)

printf("\n max = %d",max);

printf("\n min = %d",min);

return 0;

}

OUTPUT

Enter N : 4

Enter x-1 : 12

Enter x-2 : 43

Enter x-3 : 2

Enter x-4 : 54

  max = 54

  min = 2

50 :WAP  Menu progrm using switch statemen with integer as input value

#include<stdio.h>

#include<conio.h>

#include<math.h>

int main()

{

int i;

char ch;

printf("......./tMenu of Program...../t ");

printf("1-Swapping Values\n2Diffreciate Float int\n3Area of cirlce\n4Area of square\n5Area of rectangle\n6Simple interest\n7Compound interest\n8Check Odd to Even\n9Meter to kilometer\n10Find factorial\n11Find reverse\nCount digits\n13Find sum of digits\n14Check if no is pallindrome\n15Check if no i sarmstrong\n16Find factorial in given range\nFind min and max from given number\n");

printf("Enter the choice:");

scanf("%d",&i);

switch(i)

{

case 1:

{

int a,b,c;

    a=1;

    b=2;

printf("Value before swap:%d %d",a,b);

c=b;

b=a;

a=c;

printf("Value after swap:%d %d",a,b);

break;

}

case 2:

{

    int radius;

    float area;

printf("\nEnter the radius of Circle : ");

scanf("%d",&radius);

printf("\nRadiusof Circle : %d",radius);

area = 3.14 \* radius \* radius;

printf("\nArea of Circle : %f", area);

}

break;

case 3:

{

int radius;

float area;

printf("\nEnter the radius of Circle : ");

scanf("%d",&radius);

printf("\nRadiusof Circle : %d",radius);

area = 3.14 \* radius \* radius;

printf("\nArea of Circle : %f", area);

}

break;

case 4:

{

int side,area;

printf("\nEnter the Length of Side : ");

scanf("%d", &side);

area = side \* side;

printf("\nArea of Square : %d", area);

}

break;

case 5:

{

int width=5;

int height=10;

int area=width\*height;

printf("Area of the rectangle=%d",area);

}

break;

case 6:

{

float P , R , T , SI ;

P =34000; R =30; T = 5;

SI = (P\*R\*T)/100;

printf("\n\n Simple Interest is : %f", SI);

}

break;

case 7:

{

float p,r,t,ci;

        printf("Enter Principle, Rate and Time: ");

        scanf("%f%f%f",&p,&r,&t);

        ci=p\*pow((1+r/100),t);

        printf("Bank Loans Compound Interest = %f ",ci);

}

break;

case 8:

{

int num;

    printf("Enter an integer: ");

    scanf("%d", &num);

    // true if num is perfectly divisible by 2

    if(num % 2 == 0)

        printf("%d is even.", num);

    else

        printf("%d is odd.", num);}

        break;

case 9:{

unsigned int m;

float km;

printf("Enter Meters:");

scanf("%d",&m);

km=m/1000.00;

printf("Kilometers: %.1f",km);

}

break;

case 10:

{

    int number=5,res=1,i;

                int t=number;

                for(i=0;i<t;)

            {

            res=number\*res;

            number=number-1;

            i++;

            }

        printf("factorial of 5 is:%d",res);

}

        break;

    case 11:

    {

        int remainder,res=0,i;

int number,t;

printf("enter the number");

scanf("%d",&number);

t=number;

for(i=0;number!='\0';i++)

{

 remainder =number%10;

res=res\*10+remainder;

number=number/10;

}

printf("Reverse of number:%d",res);

}

break;

case 12:

    { long long n;

  int count = 0;

  printf("Enter an integer: ");

  scanf("%lld", &n);

  // iterate at least once, then until n becomes 0

  // remove last digit from n in each iteration

  // increase count by 1 in each iteration

  do {

    n /= 10;

    ++count;

  } while (n != 0);

  printf("Number of digits: %d", count);

    }

    break;

case 13:

{

    int n,a,s=0;

   printf("Enter a number: ");

   scanf("%d",&n);

   do{

       a=n%10;

       s+=a;

       n=n/10;

   }while(n>0) ;

   printf("\nSum is: %d", s);

}

break;

case 14:

    {

    int i,n,r,s=0;

    printf("\n Enter The Number:");

    scanf("%d",&n);

    //LOOP TO FIND REVERSE OF A NUMBER

    for(i=n;i>0; )

    {

        r=i%10;

        s=s\*10+r;

        i=i/10;

    }

    /\* CHECKING IF THE NUMBER ENTERED AND THE REVERSE NUMBER IS EQUAL OR NOT \*/

    if(s==n)

    {

        printf("\n %d is a Palindrome Number",n);

    }

    else

    {

        printf("\n %d is not a Palindrome Number",n);

    }

}

break;

case 15:

{

    int num,r,sum=0,temp;

    printf("Input  a number: ");

    scanf("%d",&num);

    for(temp=num;num!=0;num=num/10){

         r=num % 10;

         sum=sum+(r\*r\*r);

    }

    if(sum==temp)

         printf("%d is an Armstrong number.\n",temp);

    else

         printf("%d is not an Armstrong number.\n",temp);

}

break;

case 16:

    {

int n, i;

    unsigned long long fact = 1;

    printf("Enter an integer: ");

    scanf("%d", &n);

    // shows error if the user enters a negative integer

    if (n < 0)

        printf("Error! Factorial of a negative number doesn't exist.");

    else {

        for (i = 1; i <= n;) {

            fact \*= i;

++i;

        }

        printf("Factorial of %d = %llu", n, fact);

    }

    }break;

case 17:

{

    int a[1000],i,n,min,max;

    printf("Enter size of the array : ");

    scanf("%d",&n);

    printf("Enter elements in array : ");

    for(i=0; i<n; i++)

    {

        scanf("%d",&a[i]);

    }

    min=max=a[0];

    for(i=1; i<n; i++)

    {

         if(min>a[i])

  min=a[i];

  if(max<a[i])

    max=a[i];

    }

     printf("minimum of array is : %d",min);

          printf("\nmaximum of array is : %d",max);

}

          break;

}

getch();

}

51 Write a menu prgrm using switch statement with character Value as input:

#include<stdio.h>

#include<conio.h>

#include<math.h>

 int

main ()

{

int i;

char ch[1];

printf ("......./tMenu of Program...../t ");

printf

    ("S--Swapping Values\nD-Diffreciate Float int\nAC-Area of cirlce\nAS-Area of square\nAR-Area of rectangle\n6Simple interest\n7Compound interest\n8Check Odd to Even\n9Meter to kilometer\n10Find factorial\n11Find reverse\nCount digits\n13Find sum of digits\n14Check if no is pallindrome\n15Check if no i sarmstrong\n16Find factorial in given range\nFind min and max from given number\n");

printf ("Enter the choice:");

scanf ("%s", ch);

switch ('ch')

    {

case 's':

      {

int a, b, c;

a = 1;

b = 2;

printf ("Value before swap:%d %d", a, b);

c = b;

b = a;

a = c;

printf ("Value after swap:%d %d", a, b);

break;

}

case 'D':

      {

int radius;

float area;

printf ("\nEnter the radius of Circle : ");

scanf ("%d", &radius);

printf ("\nRadiusof Circle : %d", radius);

area = 3.14 \* radius \* radius;

printf ("\nArea of Circle : %f", area);

}

break;

case 'AC':

      {

int radius;

float area;

printf ("\nEnter the radius of Circle : ");

scanf ("%d", &radius);

printf ("\nRadiusof Circle : %d", radius);

area = 3.14 \* radius \* radius;

printf ("\nArea of Circle : %f", area);

}

break;

case 4:

      {

int side, area;

printf ("\nEnter the Length of Side : ");

scanf ("%d", &side);

area = side \* side;

printf ("\nArea of Square : %d", area);

}

break;

case 5:

      {

int width = 5;

int height = 10;

int area = width \* height;

printf ("Area of the rectangle=%d", area);

}

break;

case 6:

      {

float P, R, T, SI;

P = 34000;

R = 30;

T = 5;

SI = (P \* R \* T) / 100;

printf ("\n\n Simple Interest is : %f", SI);

}

break;

case 7:

      {

float p, r, t, ci;

printf ("Enter Principle, Rate and Time: ");

scanf ("%f%f%f", &p, &r, &t);

ci = p \* pow ((1 + r / 100), t);

printf ("Bank Loans Compound Interest = %f ", ci);

}

break;

case 8:

      {

int num;

printf ("Enter an integer: ");

scanf ("%d", &num);

  // true if num is perfectly divisible by 2

  if (num % 2 == 0)

printf ("%d is even.", num);

else

printf ("%d is odd.", num);

      }

break;

case 9:

      {

unsigned int m;

float km;

printf ("Enter Meters:");

scanf ("%d", &m);

km = m / 1000.00;

printf ("Kilometers: %.1f", km);

}

break;

case 10:

      {

int number = 5, res = 1, i;

int t = number;

for (i = 0; i < t;)

  {

res = number \* res;

number = number - 1;

i++;

}

printf ("factorial of 5 is:%d", res);

}

break;

case 11:

      {

int remainder, res = 0, i;

int number, t;

printf ("enter the number");

scanf ("%d", &number);

t = number;

for (i = 0; number != '\0'; i++)

  {

remainder = number % 10;

res = res \* 10 + remainder;

number = number / 10;

}

printf ("Reverse of number:%d", res);

}

break;

case 12:

      {

long long n;

int count = 0;

printf ("Enter an integer: ");

scanf ("%lld", &n);

  // iterate at least once, then until n becomes 0

  // remove last digit from n in each iteration

  // increase count by 1 in each iteration

  do

  {

n /= 10;

++count;

}

while (n != 0);

printf ("Number of digits: %d", count);

}

break;

case 13:

      {

int n, a, s = 0;

printf ("Enter a number: ");

scanf ("%d", &n);

do

  {

a = n % 10;

s += a;

n = n / 10;

}

while (n > 0);

printf ("\nSum is: %d", s);

}

break;

case 14:

      {

int i, n, r, s = 0;

printf ("\n Enter The Number:");

scanf ("%d", &n);

  //LOOP TO FIND REVERSE OF A NUMBER

  for (i = n; i > 0;)

  {

r = i % 10;

s = s \* 10 + r;

i = i / 10;

}

  //CHECKING IF THE NUMBER ENTERED AND THE REVERSE NUMBER IS EQUAL OR NOT

    if(s==n)

    {

    printf("\n %d is a Palindrome Number",n);

    }

    else

    {

    printf("\n %d is not a Palindrome Number",n);

    }

    }

    break;

    case 15:

    {

    int num,r,sum=0,temp;

    printf("Input  a number: ");

    scanf("%d",&num);

    for(temp=num;num!=0;num=num/10){

    r=num % 10;

    sum=sum+(r\*r\*r);

    }

    if(sum==temp)

    printf("%d is an Armstrong number.\n",temp);

    else

    printf("%d is not an Armstrong number.\n",temp);

    }

    break;

    case 16:

    {

    int n, i;

    unsigned long long fact = 1;

    printf("Enter an integer: ");

    scanf("%d", &n);

    // shows error if the user enters a negative integer

    if (n < 0)

    printf("Error! Factorial of a negative number doesn't exist.");

    else {

    for (i = 1; i <= n;) {

    fact \*= i;

    ++i;

    }

    printf("Factorial of %d = %llu", n, fact);

    }

    }break;

    case 17:

    {

    int a[1000],i,n,min,max;

    printf("Enter size of the array : ");

    scanf("%d",&n);

    printf("Enter elements in array : ");

    for(i=0; i<n; i++)

    {

    scanf("%d",&a[i]);

    }

    min=max=a[0];

    for(i=1; i<n; i++)

    {

    if(min>a[i])

    min=a[i];

    if(max<a[i])

    max=a[i];

    }

    printf("minimum of array is : %d",min);

    printf("\nmaximum of array is : %d",max);

      }

// break;

}}

//46Write a menu prgm using switch statement which takes char as input

#include<stdio.h>

#include<conio.h>

#include<math.h>

 int

main ()

{

int i;

char ch;

printf ("......./tMenu of Program...../t ");

printf

    ("S--Swapping Values\nD-Diffreciate Float int\nAC-Area of cirlce\nAS-Area of square\nAR-Area of rectangle\n6Simple interest\n7Compound interest\n8Check Odd to Even\n9Meter to kilometer\n10Find factorial\n11Find reverse\nCount digits\n13Find sum of digits\n14Check if no is pallindrome\n15Check if no i sarmstrong\n16Find factorial in given range\nFind min and max from given number\n");

printf ("Enter the choice:");

scanf ("\n %c",&ch);

switch (ch)

    {

case 's':

      {

int a, b, c;

a = 1;

b = 2;

printf ("Value before swap:%d %d", a, b);

c = b;

b = a;

a = c;

printf ("Value after swap:%d %d", a, b);

break;

}

case 'D':

      {

int radius;

float area;

printf ("\nEnter the radius of Circle : ");

scanf ("%d", &radius);

printf ("\nRadiusof Circle : %d", radius);

area = 3.14 \* radius \* radius;

printf ("\nArea of Circle : %f", area);

}

break;

case 'AC':

      {

int radius;

float area;

printf ("\nEnter the radius of Circle : ");

scanf ("%d", &radius);

printf ("\nRadiusof Circle : %d", radius);

area = 3.14 \* radius \* radius;

printf ("\nArea of Circle : %f", area);

}

break;

case 4:

      {

int side, area;

printf ("\nEnter the Length of Side : ");

scanf ("%d", &side);

area = side \* side;

printf ("\nArea of Square : %d", area);

}

break;

case 5:

      {

int width = 5;

int height = 10;

int area = width \* height;

printf ("Area of the rectangle=%d", area);

}

break;

case 6:

      {

float P, R, T, SI;

P = 34000;

R = 30;

T = 5;

SI = (P \* R \* T) / 100;

printf ("\n\n Simple Interest is : %f", SI);

}

break;

case 7:

      {

float p, r, t, ci;

printf ("Enter Principle, Rate and Time: ");

scanf ("%f%f%f", &p, &r, &t);

ci = p \* pow ((1 + r / 100), t);

printf ("Bank Loans Compound Interest = %f ", ci);

}

break;

case 8:

      {

int num;

printf ("Enter an integer: ");

scanf ("%d", &num);

  // true if num is perfectly divisible by 2

  if (num % 2 == 0)

printf ("%d is even.", num);

else

printf ("%d is odd.", num);

      }

break;

case 9:

      {

unsigned int m;

float km;

printf ("Enter Meters:");

scanf ("%d", &m);

km = m / 1000.00;

printf ("Kilometers: %.1f", km);

}

break;

case 10:

      {

int number = 5, res = 1, i;

int t = number;

for (i = 0; i < t;)

  {

res = number \* res;

number = number - 1;

i++;

}

printf ("factorial of 5 is:%d", res);

}

break;

case 11:

      {

int remainder, res = 0, i;

int number, t;

printf ("enter the number");

scanf ("%d", &number);

t = number;

for (i = 0; number != '\0'; i++)

  {

remainder = number % 10;

res = res \* 10 + remainder;

number = number / 10;

}

printf ("Reverse of number:%d", res);

}

break;

case 12:

      {

long long n;

int count = 0;

printf ("Enter an integer: ");

scanf ("%lld", &n);

  // iterate at least once, then until n becomes 0

  // remove last digit from n in each iteration

  // increase count by 1 in each iteration

  do

  {

n /= 10;

++count;

}

while (n != 0);

printf ("Number of digits: %d", count);

}

break;

case 13:

      {

int n, a, s = 0;

printf ("Enter a number: ");

scanf ("%d", &n);

do

  {

a = n % 10;

s += a;

n = n / 10;

}

while (n > 0);

printf ("\nSum is: %d", s);

}

break;

case 14:

      {

int i, n, r, s = 0;

printf ("\n Enter The Number:");

scanf ("%d", &n);

  //LOOP TO FIND REVERSE OF A NUMBER

  for (i = n; i > 0;)

  {

r = i % 10;

s = s \* 10 + r;

i = i / 10;

}

  //CHECKING IF THE NUMBER ENTERED AND THE REVERSE NUMBER IS EQUAL OR NOT

    if(s==n)

    {

    printf("\n %d is a Palindrome Number",n);

    }

    else

    {

    printf("\n %d is not a Palindrome Number",n);

    }

    }

    break;

    case 15:

    {

    int num,r,sum=0,temp;

    printf("Input  a number: ");

    scanf("%d",&num);

    for(temp=num;num!=0;num=num/10){

    r=num % 10;

    sum=sum+(r\*r\*r);

    }

    if(sum==temp)

    printf("%d is an Armstrong number.\n",temp);

    else

    printf("%d is not an Armstrong number.\n",temp);

    }

    break;

    case 16:

    {

    int n, i;

    unsigned long long fact = 1;

    printf("Enter an integer: ");

    scanf("%d", &n);

    // shows error if the user enters a negative integer

    if (n < 0)

    printf("Error! Factorial of a negative number doesn't exist.");

    else {

    for (i = 1; i <= n;) {

    fact \*= i;

    ++i;

    }

    printf("Factorial of %d = %llu", n, fact);

    }

    }break;

    case 17:

    {

    int a[1000],i,n,min,max;

    printf("Enter size of the array : ");

    scanf("%d",&n);

    printf("Enter elements in array : ");

    for(i=0; i<n; i++)

    {

    scanf("%d",&a[i]);

    }

    min=max=a[0];

    for(i=1; i<n; i++)

    {

    if(min>a[i])

    min=a[i];

    if(max<a[i])

    max=a[i];

    }

    printf("minimum of array is : %d",min);

    printf("\nmaximum of array is : %d",max);

      }

// break;

}}