Perform searching concepts in array. Write a program to find the following.

* maximum element in array
* minimum element in array
* reverse order of element in array

overloaded function must have the following.

int searchingConcepts(int max[]) for finding maximum value

double searchingConcepts (double min[]) for finding minimum value

void searchingConcepts(unsigned int revArray[]) for finding reverse order of value

**note**

use only function called searchingcConcepts() in the main body to find the above mention tasks. To do this task you are required to use the function overloading in program code. The length of the each array must be 10 elements. program should ask from user to enter inputs values as function parameters

solution

* function name same but different data type so it is overloaded function
* First 2 int max & double min may values return ho rahi hy.
* Void may values return ni hogy
* Function before the main function hy & define hy so brackets { } use ho gi..
* Array pass to function ho ga
* Main function my values cin>> ho gy & function call ho ga >>serf 2 kams ho gy,,,,,,,,,,,,,,,,,,,,,,,,

// over loading functions

#include<iostream>

using namespace std;

int searchingConcepts(int max[10])

{

int m;

m=max[0];

for(int w=0;w<10;w++)

{

if(m<max[w])

m=max[w];

}

return m;

}

double searchingConcepts(double min[10])

{

double n;

n=min[0];

for(int t=0;t<10;t++)

{

if(n>min[t])

n=min[t];

}

return n;

}

void searchingConcepts(unsigned int revArray[10])

{

cout<<"\n\nReverse values are"<<endl;

for(int s=9;s>=0;s--)

{cout<<revArray[s]<<endl;}

}

void main()

{

system("color b0");

int a[10];

int result1;

cout<<"\n\nEnter the 10 numbers for finding maximum value in array"<<endl;

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

{cin>>a[i];}

double b[10];

double result2;

cout<<"\n\nEnter the 10 numbers for finding minimum value in array"<<endl;

for(int j=0;j<10;j++)

{cin>>b[j];}

unsigned int c[10];

cout<<"\n\nEnter the 10 numbers for reverse the values in array"<<endl;

for(int k=0;k<10;k++)

{cin>>c[k];}

result1=searchingConcepts(a);

cout<<"\n\nMaximum value is="<<result1<<endl;

result2=searchingConcepts(b);

cout<<"\n\nMinimum value is="<<result2<<endl;

searchingConcepts(c);

getchar();

getchar();

}