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<TD ALIGN="CENTER"><p align="center"><small><font face="Verdana"><strong>Description: </strong>This C++ program will create an .EXE file which will display the largest element in an array. Scroll down to view the source below.</font></small></p>

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<td width="726" bgcolor="#EDEDED"

height="17" id="fix"><p align="center"><p align="center"><font

color="gray" size="2" face="Arial"><b>Header [max.h]</b></font></p>

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<textarea rows="15" name="S1" style="background-color: rgb(182,196,231); cols="45" wrap="virtual" style="width:98%">

#ifndef MAX1\_H

#define MAX1\_H

class array

{

public:

array();

void fillup(int ar[],int size);

void printit (int ar[],int size);

void findmax(int ar[],int size);

int kay(int ar[],int size);

private:

int x;

int sumit;

};

#endif

</textarea></p>

</form>

<DIV ALIGN="center">

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<tr>

<td width="726" bgcolor="#EDEDED"

height="17" id="fix"><p align="center"><p align="center"><font

color="gray" size="1" face="verdana,arial,helvetica"><b>Implementation

</b></font></p>

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#include<iostream.h>

#include "c:\bc45\bin\pmshop\cpp\split\max1.h"

array::array() {}

void array::fillup(int ar[],int size)

{

cout << "\n Drupaul Singh";

cout << "\n Array CSII";

cout << "\n 9-14-00";

ar[0]=10;

ar[1]=12;

ar[2]=20;

ar[3]=14;

ar[4]=6;

ar[5]=2;

ar[6]=16;

ar[7]=18;

ar[8]=2;

}

void array::printit(int ar[],int size)

{

for (int x=0; x<size; x++)

{

cout << "\n\n Element "<<x<<" has the value of "<<ar[x];

}

}

int array::kay(int ar[],int size)

{

int max;

int x;

int addr;

max = ar[0];

for(x=1; x<=size-1; x++)

{

if (ar[x]>max)

{

max = ar[x];

addr = x;

}

}

return addr;

}

void array::findmax(int ar[], int size)

{

int c;

c=array::kay(ar,size);

cout << "\n\n The largest number is " << ar[c];

}

</textarea></p>

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<td width="726" bgcolor="#EDEDED"

height="17" id="fix"><p align="center"><p align="center"><font

color="gray" size="1" face="verdana,arial,helvetica"><b>Driver</b></font></p>

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#include<iostream.h>

#include "c:\bc45\bin\pmshop\cpp\split\max1.h"

void main()

{

int ar[9];

array func;

func.fillup(ar,9);

func.printit(ar,9);

func.findmax(ar,9);

}

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<td width="726" bgcolor="#EDEDED"

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color="gray" size="1" face="verdana,arial,helvetica"><b>Output</b></font></p>

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<textarea rows="19" name="S1" style="background-color: rgb(182,196,231); cols="45" wrap="virtual" style="width:98%">

Element 0 has the value of 10

Element 1 has the value of 12

Element 2 has the value of 20

Element 3 has the value of 14

Element 4 has the value of 6

Element 5 has the value of 2

Element 6 has the value of 16

Element 7 has the value of 18

Element 8 has the value of 2

The largest number is 20

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<tr>

<td width="726" bgcolor="#EDEDED"

height="17" id="fix"><p align="center"><p align="center"><font

color="gray" size="1" face="Arial"><b>© 2000-2001 Drupaul Singh. All Rights Reserved.

</b></font></p>

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