**Slide 1: Page 20**

include <iostream.h>

int main()

{

inti, j;

i = ‘A’;

j = ‘B’;

i = ‘C’+ 1;

cout<< “End of program”;

return 0;

}

**Slide 2: Page 61**

#include <iostream>

#define SIZE 20

using namespace std;

class Array

{

private:

int A[SIZE];

public:

void input()

{

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

cin>>A[i];

}

int L\_followed\_by\_S()

{

int counter=0;

for(int i=0;i<SIZE-1;i++)

{

if(A[i]>A[i+1])

counter++;

}

return counter;

}

};

int main()

{

Array A;

cout<<"Enter the Array of Integers: ";

A.input();

cout<<"Number of time a Larger number followed by a smaller one: "<<A.L\_followed\_by\_S();

return 0;

}

**Slide 2: Page 70**

#include <iostream>

using namespace std;

void sort4(int \*a,int \*b,int \*c, int \*d)

{

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

{

if(\*a>\*b)

{

int temp=\*a;

\*a=\*b;

\*b=temp;

}

if (\*b>\*c)

{

int temp=\*b;

\*b=\*c;

\*c=temp;

}

if (\*c>\*d)

{

int temp=\*c;

\*c=\*d;

\*d=temp;

}

}

}

int main()

{

int a=4,b=7,c=2,d=5;

sort4(&a,&b,&c,&d);

cout<<a<<b<<c<<d;

return 0;

}

**Slide 2: Page 70 EX8**

#include <iostream>

using namespace std;

void sort4\_2(int &a,int &b,int &c, int &d)

{

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

{

if(a>b)

{

int temp=a;

a=b;

b=temp;

}

if (b>c)

{

int temp=b;

b=c;

c=temp;

}

if (c>d)

{

int temp=c;

c=d;

d=temp;

}

}

}

int main()

{

int a=4,b=7,c=2,d=5;

sort4\_2(a,b,c,d);

cout<<a<<b<<c<<d;

return 0;

}

**Slide 2: Page 73**

#include <iostream>

using namespace std;

int gcd(int x,int y)

{

if(!y)

return x;

else

return gcd(y,x%y);

}

int main()

{

int x=4,y=12;

cout<<"GCD="<<gcd(x,y);

return 0;

}

**Slide 3: Page 52**

#include <iostream>

#include <string>

using namespace std;

string URL(string url)

{

url[5]='\\';

url[6]='\\';

return url;

}

int main()

{

string str;

cout<<"Enter Url: ";

cin>>str;

cout<<"New URL: "<<URL(str);

return 0;

}