

LAB (7)

Workshop(2)First Question:

Using c++ language ,write a program to print the level of pollution in

Jubail as the following:

- the user will enter 7 pollution values each one for a day , values are between 30-100.

-the program will compute the average of values and print the level of pollution as following:

From 30-50 ,, level=low

From 50-70 ,, level= medium

From 70-100 ,, level=high

```
#include<iostream.h>
```

```
void main()
```

```
{
```

```
int x,avg,sum=0,i;
```

```
cout<<"enter 7 values of pollution between 30-100\n";
```

```
for(i=1;i<=7;i++)
```

```
{
```

```
cin>>x;
```

```
sum+=x;
```

```
}
```

```
avg=sum/7;

if(avg>30 && avg<50)

cout<<"avg="<<avg<<"\nlevel= low";

else if(avg<70)

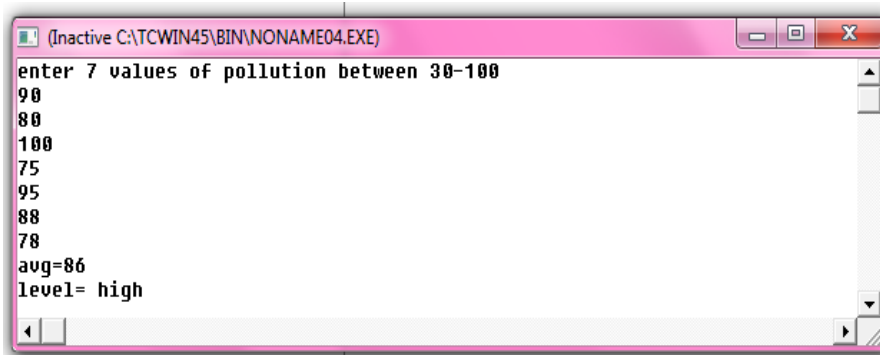
cout<<"avg="<<avg<<"\nlevel= medium";

else

cout<<"avg="<<avg<<"\nlevel= high";

}
```

Output screen:



Second Question:**Write the output of the following program:**

```
#include<iostream.h>
```

```
void main()
```

```
{
```

```
int i,j;
```

```
for(i=1;i<=4;i++)
```

```
{
```

```
for(j=3;j>=1;j--)
```

```
{
```

```
cout<<i*j<<"\t";
```

```
}
```

```
cout<<"\n";
```

```
}
```

```
}
```

Output screen: