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Ques 1) Solution:

```
#include<stdio.h>
```

```
Int main()
```

```
{
```

```
Int l, type[20],n;
```

```
Int resptime[20];
```

```
Printf("number of process:");
```

```
Scanf("%d", &n);
```

```
Printf("enter the data\n");
```

```
For(i=0; i<n;i++){
```

```
Printf("response time of P%d(in milli seconds):", i);
```

```
Scanf("%d", &resptime[i]);
```

```
If(resptime[i]<1000){
```

```
Type[i]=1;
```

```
}
```

```
Else{
```

```
Type[i]=0;
```

```
}
```

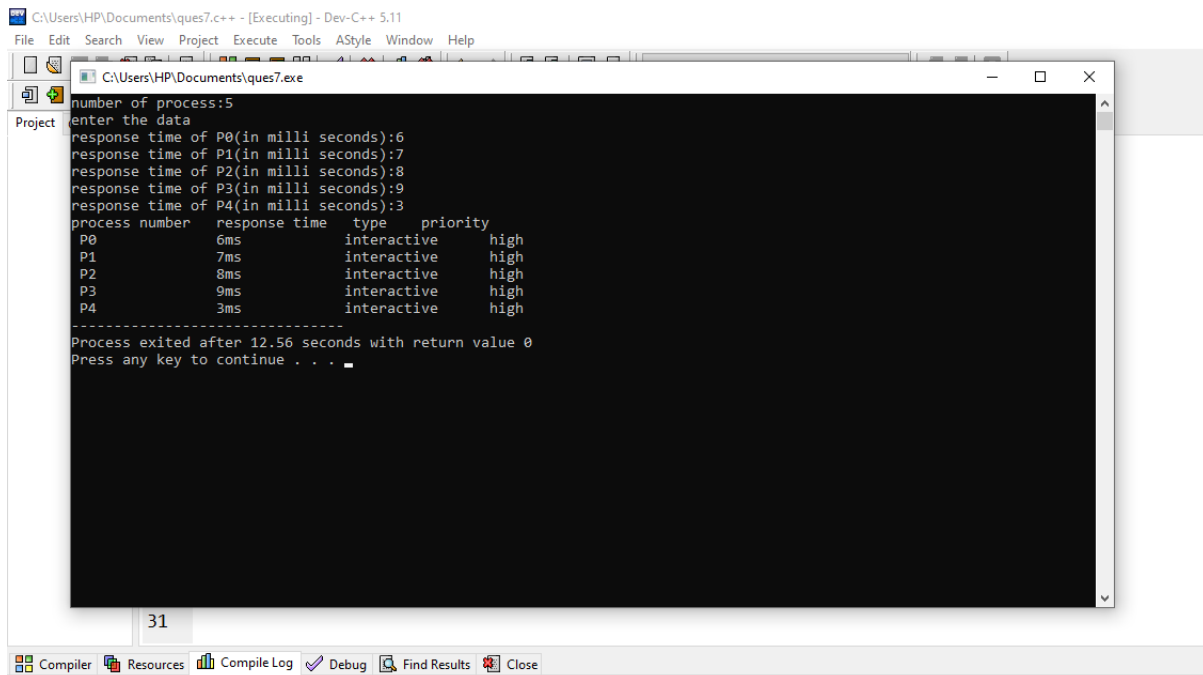
```
}
```

```
Printf("process number \t response time \t type \t priority");
```

```
For(i=0;i<n;i++){
```

```
Printf("\n P%d \t\t %dms \t\t", l, resptime[i];
```

```
If (type[i]==1){  
    Printf("interactive \t high");  
}  
Else{  
    Printf("non-interactive \t Low");  
}  
}  
}  
}
```



The screenshot shows a Dev-C++ IDE window titled "C:\Users\HP\Documents\ques7.c++ - [Executing] - Dev-C++ 5.11". The console window displays the following output:

```
number of process:5  
enter the data  
response time of P0(in milli seconds):6  
response time of P1(in milli seconds):7  
response time of P2(in milli seconds):8  
response time of P3(in milli seconds):9  
response time of P4(in milli seconds):3  
process number  response time  type  priority  
P0              6ms          interactive  high  
P1              7ms          interactive  high  
P2              8ms          interactive  high  
P3              9ms          interactive  high  
P4              3ms          interactive  high  
-----  
Process exited after 12.56 seconds with return value 0  
Press any key to continue . . .
```

The IDE interface includes a menu bar (File, Edit, Search, View, Project, Execute, Tools, AStyle, Window, Help), a toolbar, and a status bar at the bottom with buttons for Compiler, Resources, Compile Log, Debug, Find Results, and Close.