

NAJAM ALI ABASS(P20-0471)

Question 1:

source code:

```
1 #include <iostream>
2 using namespace std;
3
4 int Print_Type(int n){
5     cout<<endl;
6     cout<<n<<" has data type integer";
7     return 0;
8 }
9 double Print_Type(double l){
10     cout<<endl;
11     cout<<l<<" has data type double";
12     return 0;}
13 bool Print_Type(bool x){
14     cout<<endl;
15     cout<<x<<" has data type boolean";
16     return 0;
17 }
18 char Print_Type(char s){
19     cout<<endl;
20     cout<<s<<" has a data type charcter";
21     return 0;
22 }
23 int main(){
24     Print_Type('N');
25     Print_Type(false);
26     Print_Type(3.234553);
27     Print_Type(785345);
28     cout<<endl;
29     return 0;
30 }
```

OUTPUT1:-

```
N has a data type character
0 has data type boolean
3.23455 has data type double
785345 has data type integer
[1] + Done                                     "/usr/bi
ne-In-5em16ji6.vea" 1>"/tmp/Microsoft-MIE
iannv@stoic-programmer:~/Documents/iavasc
```

QUESTION2:

SOURCE CODE:

```
1  #include<iostream>
2  using namespace std;
3  int *arraFun(int *t){
4  cout<<"please enter values for array "<<endl;
5  for (int n=0; n<4; n++){
6  cin>>t[n];
7  }
8  cout<<endl;
9  return t;
10 }
11
12 int main(){
13 int a[4];
14 int *p;
15 p=arraFun(a);
16 cout<<"ARRAY VALUES ARE here ";
17 for (int n=0; n<4; n++){
18 cout<<p[n]<<" ";
19 }
20
21 return 0;
22 }
```

OUTPUT2:

```
please enter values for array
```

```
1
```

```
2
```

```
3
```

```
4
```

```
ARRAY VALUES ARE here 1 2 3 4 [1] + Done
```


