

QUESTION 1.

```
#include<iostream>
using namespace std;
int PrintType(int a){
    cout<<a<<" Is An Integer Data Type "<<endl;
    return 0;
}
char PrintType(char a){
    cout<<a<<" Is Character Data Type "<<endl;
    return 0;
}
double PrintType(double a){
    cout<<a<<"Is A Double Data Type "<<endl;
    return 0;
}
bool PrintType(bool a){
    cout<<a<<" Is boolean Data Type "<<endl;
    return 0;
}
int main(){
    PrintType(23);
    PrintType('A');
    PrintType(23.232);
    PrintType(true);
}
```

OUTPUT.

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
23 Is An Integer Data Type
A Is Character Data Type
23.232Is A Double Data Type
1 Is boolean Data Type
PS F:\Programming Fundamentals> |
```

QUESTION 2.

```
#include<iostream>
using namespace std;
int *arrayfunc(int *test,int length){
    cout<<"Insert Elements In Array : "<<endl;
    for(int i=0;i<length;i++){
        cin>>test[i];
    }
    cout<<endl;
    return test;
}

int main(){
    int length;
    cout<<"Enter Lenght Of Array : ";
    cin>>length;
    int array[length];
```

```
int *p;  
p=arrayfunc(array,length);  
for(int i=0;i<length;i++){  
    cout<<array[i]<<",";"  
}  
  
}
```

OUTPUT.

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  
  
PS C:\Users\Ibtihaj> cd "f:\Programming Fundamentals\" ; if ($?) { g++ qN01.cpp -o qN01 } ; if ($?) { .\qN01 }  
Enter Lenght Of Array : 5  
Insert Elements In Array :  
23  
33  
11  
22  
31  
  
23,33,11,22,31,  
PS F:\Programming Fundamentals> 
```