

Lab Task # 5

Code OF Q#1

```
#include<iostream>
using namespace std;
3 int arrayfunction(){
    int arr[5];
3     for(int i=0;i<5;i++){
        cin>>arr[i];
    }
3     for(int j=0;j<5;j++){
        cout<<"arr["<<j<<" ] ="<<arr[j]<<endl;
    }
}
3 int main(){
    int arr[5];
    for(int i=0;i<5;i++){
        cin>>arr[i];
3     for(int j=0;j<5;j++){
        cout<<"arr["<<j<<" ] ="<<arr[j]<<endl;
    }
    cout<<arrayfunction;
    return 0;
}
```

Output of Q 2

```
1
2
3
4
5
arr[0] =1
arr[1] =2
arr[2] =3
arr[3] =4
arr[4] =5
1
```

Code of question # 1

```
1 // alphabet, digit or boolean.cpp
2 #include<iostream>
3 #include<cctype>
4 using namespace std;
5 int main(){
6     char ch;
7     cin>>ch;
8     if(isalpha(ch))
9         cout<<ch<<"it is charachter ";
10    else if(isdigit(ch))
11        cout<<ch<<"it is integer ";
12    else if(isbool(ch))
13        cout<<ch<<"it is a boolian data type ";
14    else
15        cout<<ch<<"it is double data type ";
16    return 0;
17 }
```

Outputs

```
1
2 1
3 it is integer
4 -----
5 Process exited after 1.49 seconds
6 Press any key to continue . . .
```

```
1
2 j
3 it is charachter
4 -----
```