

Question # 1

```
#include<iostream>
using namespace std;

int main(){

    int array[3][3];
    array[0][0]=70;
    array[0][1]=80;
    array[0][2]=90;
    array[1][0]=10;
    array[1][1]=70;
    array[1][2]=30;
    array[2][0]=95;
    array[2][1]=77;
    array[2][2]=76;

    cout<<"1st method of array representation"<<endl;

    for (int row=0; row<3; row++){
        for (int col=0; col<3; col++) {
            cout<<array[row][col];

        }
        cout<<endl;
    }

    int work[3][3]={{30,40,50},{70,80,10},{12,45,67}};
    cout<<"2nd method of intilizing of Arrays "<<endl;
    for (int i=0; i<3; i++){

        for(int j=0; j<3; j++){
            cout<<work[i][j];
        }
        cout<<endl;
    }
}
```

```
}
```

```
return 0;
```

```
}
```

Output of Question 1

```

1st method of array representation
708090
107030
957776
2nd method of intilizing of Arrays
304050
708010
124567

-----
Process exited after 0.01688 seconds with return value 0
Press any key to continue . . .

```

CODE OF QUESTION 2

```

Q2.cpp Question 2.cpp Q1.cpp
1  #include<iostream>
2  using namespace std;
3  int main(){
4  int arr[3][3];
5  for (int i=0; i<3; i++){
6  for (int j=0; j<3; j++){
7  cin>>arr[i][j];
8  }
9  }
10 }
11
12 for (int r=0; r<3; r++){
13 for (int c=0; c<3; c++){
14 cout<<"arr["<<r<<"]["<<c<<"]"<<arr[r][c]<<endl;
15 }
16 cout<<endl;
17 }
18
19 for (int r=0; r<3; r++){
20 for (int c=0; c<3; c++){
21 cout<<arr[r][c];
22 }
23 cout<<endl;
24 }
25 return 0;
26 }
27

```

OUTPUT OF QUESTION 2

```
1
2
3
4
5
6
7
8
9
arr[0][0]1
arr[0][1]2
arr[0][2]3

arr[1][0]4
arr[1][1]5
arr[1][2]6

arr[2][0]7
arr[2][1]8
arr[2][2]9

123
456
789

-----
Process exited after 14.49 seconds with return value 0
Press any key to continue . . .
```