(2)

National University of Computer and Emerging Sciences (Lahore)			
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Question 1: Give the output of the following code snippet. Identify syntax or logical errors, if present in the code, and suggest the required correction.

```
void Print(int * arr, int size)
{
    cout<<"array is:";
    for(int i = 0; i < size; i++)
    { cout << arr[i] << ","; }
    cout << endl;
}
int main()
{
    int* arr = new int[6];
    arr[2] = 4; arr[0] = 2;
    arr[3] = 8; arr[1] = 1;
    arr[4] = 5; arr[5] = 3;
    Print(arr,6);
    for (int i = 0; i < 3; i++)
    {
        int temp = *(arr + 2 * i);
        *(arr + 2 * i) = *(arr + 2 * i + 1);
        *(arr + 2 * i + 1) = temp;
    }
    Print(arr,6);
}
```

Output:

Junk value / illegal memory access out of scope

B

Junk value / illegal memory access out of scope

Junk value ?

Error (if any):

cout << arr [i]; ✓ ?