

Q)

Pseudo Code:

- 1) First initialize t
- 2) And applying a loop on t,
- 3) initialize the variables n , i
- 4) Perform a loop and take the values from user in to an array
- 5) Again applying a loop and check if array[0] is greater than array[i] , then put array[0] is equal to array[i]
- 6) Print the value of array[0] * (n-1)

Implementation:

```
#include <iostream>
```

```
Using namespace std;
```

```
int main() {
```

```
    int t;  
    cin>>t;  
    while(t--){  
        long int n,i;
```

```
        cin>>n;;  
        long int a[n];
```

```
        for(i=0;i<n;i++)  
            cin>>a[i];
```

```
        for(i=1;i<n-1;i++) {  
            if(a[0]>a[i])  
                a[0] = a[i];  
        }
```

```
        cout<<(a[0]*(n-1));
```

```
    }  
    return 0;
```

```
}
```

