

Exam-Proposal

Q: Use the array to accept numbers (6,7,8,4,3,2,8,9,10):

- 1- Print the numbers in reverse order.
- 2- Print the average of Odd numbers.
- 3- Print the sum of even numbers.
- 4- Print the square of the odd numbers.
- 5- Print the square of the total numbers
- 6- Print the number of element in the array.

One of these questions will be in your exam.

```
1 //Q1
2 #include<iostream>
3 using namespace std;
4
5 int main()
6 {
7     int numbers[9]={6,7,8,4,3,2,8,9,10};
8
9     for(int i =8; i >=0; i--){
10         cout<<numbers[i]<<endl;
11     }
12
13     return 0;
14 }
```

15 create by anas riyadh

```
1 //Q2
2 #include<iostream>
3 using namespace std;
4
5 int main()
6 {
7     int numbers[9]={6,7,8,4,3,2,8,9,10};
8     float odd_numbers = 0;
9     float count=0;
10
11     for(int i =0; i <=8; i++){
12         if(numbers[i] % 2 == 1){
13             odd_numbers = odd_numbers + numbers[i];
14             count = count + 1;
15         }
16     }
17
18     float average = odd_numbers/count;
19     cout<<average;
20
21     return 0;
22 }
```

23 create by anas riyadh

```
1 //Q3
2 #include<iostream>
3 using namespace std;
4
5 int main()
6 {
7     int numbers[9]={6,7,8,4,3,2,8,9,10};
8     int sum_even = 0;
9
10    for(int i =0; i <=8; i++){
11        if(numbers[i] % 2 == 0){
12            sum_even = sum_even + numbers[i];
13        }
14    }
15
16    cout<<sum_even;
17
18    return 0;
19 }
```

20 create by anas riyadh

```
1 //Q4
2 #include<iostream>
3 #include<cmath>
4 using namespace std;
5
6 int main()
7 {
8     int numbers[9]={6,7,8,4,3,2,8,9,10};
9     float sum_odd = 0;
10
11     for(int i =0; i <=8; i++){
12         if(numbers[i] % 2 == 1){
13             sum_odd = sum_odd + numbers[i];
14         }
15     }
16
17     cout<<sqrt(sum_odd);
18
19     return 0;
20 }
```

21 create by anas riyadh

```
1 //Q5
2 #include<iostream>
3 #include<cmath>
4 using namespace std;
5
6 int main()
7 {
8     int numbers[9]={6,7,8,4,3,2,8,9,10};
9     float sum_numbers = 0;
10
11     for(int i =0; i <=8; i++){
12         sum_numbers = sum_numbers + numbers[i];
13     }
14
15     cout<<sqrt(sum_numbers);
16
17     return 0;
18 }
```

19 create by anas riyadh

```
1 //Q6
2 #include<iostream>
3 using namespace std;
4
5 int main()
6 {
7     int numbers[9]={6,7,8,4,3,2,8,9,10};
8     int count = 0;
9
10    for(int i =0; i <=8; i++){
11        |        count = count + 1;
12    }
13
14    cout<<count;
15
16    return 0;
17 }
```

18 create by anas riyadh