TASK 1:

```cpp
#include <iostream>

using namespace std;

int main()

{
        int arr[5];

        int sum=0;

        float avg;

        for(int i=0; i<5; i++)

        {

          cin>>arr[i];

        }

        for(int j=0; j<=4; j++)

        {

        sum+=arr[j];

        }

        avg=sum/5;

        cout<<"The average is: "<<avg;


        return 0;

}
```

```
1
2
3
4
5
The average is: 3
-------------------------------
Process exited after 3.547 seconds with return value 0
Press any key to continue . . .
```

TASK 02:

```cpp
#include <iostream>
using namespace std;
int main(){
        int arr[5];
        int temp=0;
        for(int i=0;i<=4;i++){
                cin>> arr[i];
        }
        for(int n=0;n<=4;n++){
                for(int j=0;j<4;j++){
                        if(arr[j]>arr[j+1]){
                                temp=arr[j];
        arr[j]=arr[j+1];
        arr[j+1]=temp;
                        }
                }
        } for (int a=0;a<=4;a++){
                cout<< arr[a]<<" ";
        }
```

```
        return 0;

}
```



```
3
2
5
4
3
2 3 3 4 5
--------------------------------
Process exited after 11.95 seconds with return value 0
Press any key to continue . . .
```

TASK 03:

```
#include <iostream>

using namespace std;

int main()

{

        int n = 0;

        int num[5];

        int temp = 0;

        int ind = 0;

        cout << "Enter 5 numbers for array\n";

        for (int i = 0;i < 5;i++)

        {

                cin >> num[i];

        }
```

```cpp
for (int i = 0; i < 5;i++)
{
    int smallest = i;
    for (int j = n+1; j < 5;j++)
    {
        if (num[j] < num[smallest])
        {
            smallest = j;
        }
    }
    temp = num[i];
    num[i] = num[smallest];
    num[smallest] = temp;
    n += 1;
}
cout<<endl;
for (int k = 0; k < 5; k++)
{
    cout << num[k]<<endl;
}
}
```

```
Enter 5 numbers for array
44
2
5
8
6

2
5
6
8
44

- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```