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Title of the Paper :- Automating real world
          through Program : Programming fundamentals.

Solution 6

```c
#inclued <stdio.h>
int main ()
{
    int n;
    printf ("Enter the size of array :");
    scanf ("%d", &n);
    int arr [n];
    int i, a, j;
    printf ("Enter the elements of the array:");
    for (i=0; i<n; i++)
    {
        scanf ("%d", &arr[i]);
    }
    for (i=0; i<n; i++)
    {
        for (j=i+1; j<n; j++)
        {
            if (arr[i] > arr[j])
            {
                a = arr[i];
                arr[i] = arr[j];
                arr[j] = a;
            }
        }
    }
}
```

②

```c
int k;
printf ("Enter the value of k: ");
scanf ("%d", &k);
printf (" kth smallest value: %d\n", arr[k-1]);
printf (" kth largest value: %d\n", arr[n-k]);
return 0;
}
```

Output

Enter the size of array: 6
Enter the elements of array: 7 10 25 3 28 32
Enter the value of k: 3

kth smallest value: 10
kth largest value: 25