Q.WRITE A PROGRAM TO GENERATE RADOM NUMBERS FOR AN ARRAY AND SORT THEM IN ASCENDING ORDER.

A. #include<stdio.h>

#include<stdlib.h>

#include<time.h>

int main()

{

int arr[10],i,j,temp;

srand==time(0);

for(i=0;i<10;i++)

{

arr[i]=rand()%100;

printf("%d-->",arr[i]);

}

for(i=0;i<10;i++)

{

for(j=i+1;j<10;j++)

{

if(arr[i]>arr[j])

{

temp=arr[i];

arr[i]=arr[j];

arr[j]=temp;

}

}

}

printf("\nThe numbers are arranged in ascending numbers as follows:\n");

for(i=0;i<10;i++)

{

printf("%d\n",arr[i]);

}

return 0;

}

OUTPUT:

