Q. WRITE A PROGRAM TO COMPARE THREE NUMBERS AND TO DISPLAY THEIR ASCENDING/DESCENDING ORDER.

A. #include<stdio.h>

int main()

{

int a,b,c;

a=b=c=0;

printf("Enter the value of a:");

scanf("%d",&a);

printf("Enter the value of b:");

scanf("%d",&b);

printf("Enter the value of c:");

scanf("%d",&c);

if(a>b&&a>c&&b>c)

{

printf("%d,%d,%d\n",a,b,c);

printf("%d,%d,%d",c,b,a);

}else{

if(a>b&&a>c&&c>b)

{

printf("%d,%d,%d\n",a,c,b);

printf("%d,%d,%d",b,c,a);

}else{

if(b>a&&b>c&&a>c)

{

printf("%d,%d,%d\n",b,a,c);

printf("%d,%d,%d",c,a,b);

}else{

if(b>a&&b>c&&c>a)

{

printf("%d,%d,%d\n",b,c,a);

printf("%d,%d,%d",a,c,b);

}else{

if(c>a&&c>b&&a>b)

{

printf("%d,%d,%d\n",c,a,b);

printf("%d,%d,%d",b,a,c);

}else{

if(c>a&&c>b&&b>a)

{

printf("%d,%d,%d\n",c,b,a);

printf("%d,%d,%d",a,b,c);

}

}

}

}

}

}

return 0;

}

OUTPUT:











