1. Write a function to swap values of two in variables of calling function. (TSRS).

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void swap(int*,int*);
int main ()
    int a,b;
    printf("Enter two number\n");
    scanf("%d%d",&a,&b);
    swap(&a,&b);
   printf("%d%d",a,b);
printf("\n");
void swap(int*p,int*q)
     int t;
#include<stdio.h>
void swap (char**,char**);
int main(){
   char *str2="Gupta";
   printf("%s:%s\n",str1,str2);
   /*printf("Enter the string\n");
gets(str1);
printf("enter the second string\n");
   swap(&str1,&str2);
   printf("%s:%s\n",str1,str2);
void swap(char**ptr1,char**ptr2)
    *ptr2=t;
#include <stdio.h>
void sort(int n, int* ptr)
    int i, j, t;
  if (*(ptr + j) < *(ptr + i)) {
t = *(ptr + i);
*(ptr + i) = *(ptr + j);
*(ptr + j) = t;</pre>
    for (i = 0; i < n; i++)
    printf("%d ", *(ptr + i));</pre>
int main()
    int arr[] = { 0, 23, 14, 12, 9 };
    sort(n, arr);
#include <stdio.h>
int main()
```

```
int* ab;
  int m;
   printf("\n\n Pointer : How to handle the pointers in the program :\n");
   printf(" Here in the declaration ab = int pointer, int m= 29\n\n");
  printf(" Address of m : %p\n",&m);
  printf(" Value of m : %d\n\n",m);
  ab=&m;
  printf(" Now ab is assigned with the address of m.\n");
  printf(" Address of pointer ab : %p\n",ab);
printf(" Content of pointer ab : %d\n\n",*ab);
  printf(" The value of m assigned to 34 now.\n");
  printf(" Address of pointer ab : %p\n",ab);
  printf(" Content of pointer ab : %d\n\n",*ab);
   *ab=7;
  printf(" The pointer variable ab is assigned the value 7 now.\n");
  printf(" Value of m : %d\n\n",m);
  return 0;
#include<stdio.h>
int main()
int a,b;
int *ptr1,*ptr2;
printf("Enter two number\n");
scanf("%d%d",&a,&b);
ptr1=&a;
ptr2=&b;
if(*ptr1>*ptr2)
printf("%d",*ptr1);
eLse{
  printf("%d",*ptr2);
return 0;
#include<stdio.h>
int main ()
   char str[20],*ptr;
   printf("Enter a string \n");
   gets(str);
    ptr = str;
 while (*ptr != '\0') {
   ptr++;
 printf("Length of String : %d", i);
 return 0;
#include <stdio.h>
int main()
   char str[100];
   char *p;
   int vCount=0,cCount=0;
   printf("Enter any string: ");
   fgets(str, 100, stdin);
```

```
p=str;
```