```c
#include<stdio.h>
int main()
{
   FILE *fptr;
   char ch[30];
   fptr = fopen("username.txt", "w");
   printf("Enter your name: ");
   int i=0;
   scanf("%s",ch);

   while( ch[i]!='\0' )
   {
      fprintf(fptr,"%c",ch[i]);
      fprintf(fptr,"\n");
      i++;

   }

   // close the file
   fclose(fptr);
   return 0;
}
```

```c
#include<stdio.h>
int main()
{

   FILE *fp;
   int arr[50];
   int m=0,min, index;
   fp=fopen("number.txt","r");
   if(fp == NULL)
   {
      printf("Error!");
      exit(1);
   }

   while(fscanf(fp,"%d",&arr[m])==1) m++;

   for(int i=0; i<m; i++) printf("%d ",arr[i]);
   fclose(fp);
   return 0;
}
```

```c
#include<stdio.h>
int main()
{

   FILE *fp,*odd,*even;
   int arr[50];
   int m=0,min, index;
   int number=0;

   fp=fopen("number.txt","r");
   odd=fopen("odd.txt","w");
```

```
   even=fopen("even.txt","w");

   if(fp == NULL)
   {
      printf("Error!");
      exit(1);
   }

   while(fscanf(fp,"%d",&arr[m])==1)
   {
      if(arr[m]%2==0) fprintf(even,"%d ",arr[m]);
      else fprintf(odd,"%d ",arr[m]);
      m++;
   }

   fclose(fp);
   fclose(odd);
   fclose(even);

   odd=fopen("odd.txt","r");
   even=fopen("even.txt","r");


   printf("Odd Numbers : \n");

   while(fscanf(odd,"%d",&arr[number])==1)
   {
      printf("%d ",arr[number]);
      number++;
   }

   printf("\n\nEven Numbers : \n");

   number=0;
   while(fscanf(even,"%d",&arr[number])==1)
   {
      printf("%d ",arr[number]);
      number++;
   }
   printf("\n\n");

   fclose(odd);
   fclose(even);
   return 0;
}
```

```
#include<stdio.h>
int main()
{
   FILE *fptr;
   char ch;
   fptr = fopen("text.txt", "w");
   printf("Enter your name: ");
   int vowel=0,consonant=0;
```

```
   while( (ch = getchar()) != '\n' )
   {
      putc(ch, fptr);
   }

   // close the file
   fclose(fptr);
   fopen("text.txt", "r");
   while( (ch = getc(fptr)) != EOF )
   {
      if((ch>64 && ch< 91) || (ch>96 && ch< 123)){

if(ch==65||ch==69||ch==73||ch==79||ch==85||ch==97||ch==101||ch==105||ch==111||ch==117)
vowel++;
         else consonant++;
      }

   }

   printf("\nNo. of Vowels: %d\n",vowel);
   printf("\nNo. of Consonants: %d\n",consonant);

   // close file
   fclose(fptr);

   return 0;
}
```

```
#include<stdio.h>
int main()
{
   FILE *fptr,*copyFptr;
   char ch;
   fptr = fopen("sentence.txt", "r");
   copyFptr = fopen("copy.txt", "w");
   int number=1;
   int flag=1;



   while( (ch = getc(fptr)) != EOF )
   {
      if(flag==1){
         fprintf(copyFptr,"%d ",number);
         number++;
      }

      if(ch==46 ||ch==63 || ch==33)
      {
         fprintf(copyFptr,"%c",ch);
         fprintf(copyFptr,"\n");
```

```
            flag=1;

        }else{
            fprintf(copyFptr,"%c",ch);
            flag=0;
        }



    }


    fclose(fptr);
    fclose(copyFptr);

    return 0;
}
```

```
#include<stdio.h>
int main()
{

    FILE *fp;
    int arr[50];
    int m=0,min, index;
    fp=fopen("beforesort.txt","r");
    if(fp == NULL)
    {
        printf("Error!");
        exit(1);
    }

    while(fscanf(fp,"%d",&arr[m])==1) m++;
    fclose(fp);
    for (int i = 0; i < m - 1; i++)
    {
        min = arr[i];
        for (int j = i + 1; j < m; j++)
        {
            if (arr[j] < min)
            {
                min = arr[j];
                index = j;
            }
        }

        int temp = arr[i];
        arr[i] = min;
        arr[index] = temp;
    }

    fp=fopen("aftersort.txt","w");
    if(fp == NULL)
    {
```

```
      printf("Error!");
      exit(1);
   }
   for (int i = 0; i < m; i++)
   {
      fprintf(fp,"%d\n", arr[i]);
   }
   printf("Successfully Added Code.");

   fclose(fp);


   return 0;
}
```

```
#include<stdio.h>
struct Person
{
   char name[30];
   char joingDate[30];
   float salary;
};
int main()
{
   struct Person person;
   FILE *fp;
   fp=fopen("person.txt","w");
   if(fp == NULL)
   {
      printf("Error!");
      exit(1);
   }

   printf("Enter Person Name: ");
   scanf("%s",person.name);
   printf("Enter Person Joing Date: ");
   scanf("%s",person.joingDate);
   printf("Enter Sallary: ");
   scanf("%f",&person.salary);

   fprintf(fp,"Name: %s\nJoing Date: %s\nSallary:
%0.2f",person.name,person.joingDate,person.salary);
   printf("Write Successfull");
   fclose(fp);
   return 0;
}
```