

```
//wap which writes “welcome to Nepal”  
#include<stdio.h>  
int main()  
{  
FILE *fp;  
char str[20]="welcome to kmc";  
fp=fopen("kmc.txt","w");  
fprintf(fp,"%s",str);  
fclose(fp);  
return 0;  
}
```

```
//wap to open write and close a file  
// write char values to File using putc() or fputc()  
//function  
#include <stdio.h>  
#include <conio.h>  
int main()  
{  
FILE *fp;  
char ch;  
fp = fopen( "data-1.txt","w" );  
printf( " Enter String ( ctrl+z to end ) : " );  
ch = getchar();  
while( ch != EOF )  
{  
putc( ch, fp ); /* fputc( ch, fp );
```

```
ch = getchar();
}
fclose( fp );
return 0;
}
```

// read char values from File using getc() or fgetc()

//function

```
#include <stdio.h>
#include <conio.h>
int main()
{
FILE *fp;
char ch;
fp = fopen( "data-1.txt","r" );
printf( "String : " );
ch = getc( fp ); /* ch = fgetc( fp ); */
while( ch != EOF )
{
printf( "%c", ch );
ch = getc( fp ); /* ch = fgetc( fp ); */
}
fclose( fp );
getch();
return 0;
}
```

//Read and write from a file using getc() and putc()

```
#include <stdio.h>
#include <conio.h>
int main()
{
FILE *fp;
```

```

char ch;
fp = fopen( "data-1.txt","w" );
printf( " Enter String ( ctrl+z to end ) : " );
ch = getchar();
while( ch != EOF )
{
    putc( ch, fp ); /* fputc( ch, fp ); */
    ch = getchar();
}
fclose( fp );
fp = fopen( "data-1.txt","r" );
printf( "String : " );
ch = getc( fp ); /* ch = fgetc( fp ); */
while( ch != EOF )
{
    printf( "%c", ch );
    ch = getc( fp ); /* ch = fgetc( fp ); */
}
fclose( fp );
getch();
return 0;
}

```

**//wap to read and write integers to/from file
//using getw() and putw() functions**

```

#include<stdio.h>
int main()
{
    FILE *fp;
    int x,i=0,n;
    printf("How many numbers do u want to enter\n");
    scanf("%d",&n);
    fp=fopen("number.txt","w");
    while(i<n)
    {
        printf("Input numbers\t");
    }
}

```

```

        scanf("%d",&x);
        putw(x,fp);
        i++;
    }
    fclose(fp);
    fp=fopen("number.txt","r");
    printf("\n The numbers are:\n");
    while((x=getw(fp))!=EOF)
    {
        printf("%d\t",x);
    }
    fclose(fp);
    return 0;
}

```

**//Write a program to create a new data file
 //“student.txt”
 //and store the name and age of a student.**

```

#include<stdio.h>
int main()
{
    FILE *fptr;
    char name[25];
    int age;

```

```
fptr=fopen("studentdata.txt","w");
printf("Enter the name and age of the student\n");
scanf("%s%d",&name,&age);
fprintf(fptr,"%s\t%d\n",name,age);
fclose(fptr);
return 0;
}
```

//Write a program to create a new data file

//“student.txt”

//and store the name and age of 4 students.

```
#include<stdio.h>
int main()
{
FILE *fptr;
char name[25];
int i,age;
fptr=fopen("studentdata2.txt","w");
for(i=0;i<4;i++)
{
printf("Enter the name and age of the student\n");
scanf("%s%d",&name,&age);
fprintf(fptr,"%s\t%d\n",name,age);
}
fclose(fptr);
return 0;
}
```

//Write a program to enter the records to the data file

//“student.txt”

//and number of records depending upon user choice.

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

```
{
FILE *fptr;
char name[25];
int i,age;
fptr=fopen("studentdata3.txt","w");
printf( " Enter String ( ctrl+z to end ) : " );
printf("Enter the name and age of the student\n");
while(scanf("%s%d",&name,&age)!=EOF)
{
fprintf(fptr,"%s\t%d\n",name,age);
}
fclose(fptr);
return 0;
}
```