1. WRITE mode

#include <stdio.h>

int main()

{

int num;

char name[20];

FILE \*fp;

fp = fopen("program.txt","w");

printf("Enter num: ");

scanf("%d",&num);

printf("Enter name");

scanf("%s",name);

fprintf(fp,"%d\n%s",num,name);

fclose(fp);

return 0;

}

2.Read mode

#include <stdio.h>

int main()

{

int num;

FILE \*fp;

fp = fopen("program2.txt","r");

fscanf(fp,"%d", &num);

printf("Value of n=%d", num);

fclose(fp);

return 0;

}

**3.Append mode**

#include <stdio.h>

int main()

{

int num;

char name[20];

FILE \*fp;

fp = fopen("program.txt","a");

printf("Enter num: ");

scanf("%d",&num);

printf("Enter name");

scanf("%s",name);

fprintf(fp,"%d\n%s",num,name);

fclose(fp);

return 0;

**}**

**4.getw(),putw(),fgets(),fputs()**

#include <stdio.h>

int main()

{

int num;

char name[20];

FILE \*fp;

fp = fopen("program2.txt","w");

printf("Enter num: ");

scanf("%d",&num);

printf("Enter name");

scanf("%s",name);

putw(num,fp);

fputs(name,fp);

fclose(fp);

fp = fopen("program2.txt","r");

int n;

char ch[20];

n=getw(fp);

fgets(ch,20,fp);

fclose(fp);

printf("%d\n%s",n,ch);

return 0;

}

**5.f putc()**

#include <stdio.h>

int main()

{

int num;

char ch;

FILE \*fp;

fp = fopen("program.txt","w");

printf("Enter character");

scanf("%c",&ch);

fputc(ch,fp);

fclose(fp);

return 0;

}

6**. fgetc()**

#include <stdio.h>

int main()

{

int num;

char ch;

FILE \*fp;

fp = fopen("program.txt","r");

ch=fgetc(fp);

printf("%c",ch);

fclose(fp);

return 0;

}