2) WRITE A PROGRAM THAT TAKES AS STRING AS ARGUMENT AND RETURNS THE FILES THAT BEGIN WITH THAT NAME IN THE CURRENT DIRECTORY AND ITS SUBDIRECTORIES FOR EG ./A.OUT FOO.TXT ,THAT RETURNS ALL FILE NAME WITH FOO.

```c
#include<stdlib.h>
#include<stdio.h>
#include<sys/types.h>
#include<sys/stat.h>
#include<dirent.h>
#include<fcntl.h>
#include<errno.h>
#include<string.h>
int main()

{

char a[10];

DIR *d;

struct dirent *dir;

printf("enter the file name");

scanf("%s", &a);

int i=0;

while(a[i]!='\0')

{

i++;

}

d=opendir(" .");

if(d)

{

while(dir =readdir(d)!=NULL)

{

if(strncmp(dir->d_name,a,i)==0)
```

```c
        {
            printf("%s\n ",dir->d_name);
        }
    }
    closedir(d);
}
return 0;
}
```