1)WRITE A PROGRAM TO READ ALL TEXT FILES(THAT IS FILES ENDS WITH . TXT] IN A CURRENT DIRCTORY AND MERGE THEM ALL TO ONE TEXT FILE AND RETURN THE FILE DESCRIPTOR FOR THE NEW FILE.

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

{

DIR *d;

struct dirent *dir;

int fd1=open("text.txt",O_RDONLY);

d=opendir("./");

if(d)

{

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

{

int i,j=0;

char arr[4];

for(i=strlen(dir->d_name)-1;i>strlen(dir->d_name)-4;i--)

{

arr[j++]=dir->d_name[i];

}

arr[3]='\0';

{
```

```c
arr[j++]=dir->d_name[i];

}

arr[3]='\0';

if(strcmp("txt",arr)==0&&(strcmp("text.txt",dir->d_name)!=0))

{

 int fd=open(dir->d_name,O_RDONLY);

char * buffer;

buffer=(char *)calloc(1000000,sizeof(char));

read(fd,buffer,100000);

write(fd,buffer,strlen(buffer)+1);

close(fd);

}

}

}

close(fd1);

}
```