

PRACTICAL NO 6

a) Write a Python program to read an entire text file.

Code :

```
try:
    f=open('div.txt','r')
    print(f.read())
except FileNotFoundError as e:
    print(f"error : {e}")
except ValueError as e:
    print(f"error : {e}")
```

Output :

```
srm college kudal
department of information technology
python programmng
file handling
s.y.b.sc. IT
```

b) Write a Python program to append text to a file and display the text

Code :

```
try:
    f=open('div.txt','w')
    f=open('div.txt','a')
    Lines=int(input("enter the number of lines : "))
    for x in range(Lines):
        Line=input()
        f.write(f"{Line}\n")
    f.close()
    f=open('div.txt','r')
    print(f.read())
except FileNotFoundError as e:
    print(f"error : {e}")
except ValueError as e:
    print(f"error : {e}")
```

Output :

```
enter the number of lines : 5
srm college kudal
department of information technology
python programmng
file handling
s.y.b.sc. IT

srm college kudal
department of information technology
python programmng
file handling
s.y.b.sc. IT
```

c) Write a Python program to read last n lines of a file.

Code :

```
try:
    f=open('div.txt','r')
    print(f.readlines()[-1:][0])
except FileNotFoundError as e:
    print(f"error : {e}")
except ValueError as e:
    print(f"error : {e}")
```

Output :

s.y.b.sc. IT