

## Program-9:

```
Key of shared memory is 0
Process attached at 0x7fc4724da000
Enter some data to write to shared memory
Saveetha School of Engineering
You wrote : Saveetha School of Engineering
```

## Program-10:

```
Enter some text:
Hello
Enter some text:
Saveetha University
Enter some text:
Operating Systems
Enter some text:
end
```

## Program-11:

```
/tmp/puWLFUGUZF.o
Hello SSE from thread 1
Hello SSE from thread 2
```

## Program-12:

```
Philosopher 0 is thinking...
Philosopher 1 is thinking...
Philosopher 2 is thinking...
Philosopher 3 is thinking...
Philosopher 4 is thinking...
Philosopher 1 is hungry...
Philosopher 1 is eating...
Philosopher 2 is hungry...
Philosopher 3 is hungry...
Philosopher 3 is eating...
Philosopher 0 is hungry...
Philosopher 4 is hungry...
Philosopher 1 is thinking...
Philosopher 3 is thinking...
Philosopher 2 is eating...
Philosopher 0 is eating...
Philosopher 2 is thinking...
Philosopher 3 is hungry
```

## Program-13:

```
a = 5
b = 6
*c = 7
*d = 8
|
```

## Program-14:

```
Usage: /tmp/dHLH1z8W0t.o <file_name> <destination_dir>
```

## Program-15:

```
1. Create Directory 2. Create File 3. Delete File
4. Search File      5. Display 6. Exit Enter your choice -- 1
Enter name of directory -- SSE
Directory created

1. Create Directory 2. Create File 3. Delete File
4. Search File      5. Display 6. Exit Enter your choice -- 2
Enter name of the directory -- SSE
Enter name of the file -- OS
File created
```

## Program-16:

```
The current position of the file pointer is: 21
The current position of the file pointer is: 0
This is C Programming
```