

The background of the slide is a night photograph. It shows a dark, starry sky with many small stars. Below the sky are dark, silhouetted hills. In the foreground, there is a body of water, possibly a lake or a wide river, reflecting the light from the stars. On the right side of the water, there is a red tent pitched on a sandy beach. The tent is illuminated from within, making it stand out against the dark background.

ITT440

Network Programming

Introduction to Shell Programming

Basic Knowledge

- Shell Script
 - A shell script is a quick-and-dirty method of prototyping a complex application.
 - Shell scripting harkens back to the classic UNIX philosophy of breaking complex projects into simpler subtasks, of chaining together components and utilities.

sum.bash

Compile the program below and note the output

```
#!/bin/bash
echo "Enter first number"
read x
echo "Enter second number"
read y
(( sum=x+y ))
echo "The result of addition=$sum"
```

Exercises

- Re-write the previous program in two other shell scripts.
- Write any complex shell script which is including a loop and a nested if.



References

- Google & Youtube
 - Shell scripts