1. Write a shell script to find greatest of four numbers using If-Else-If statement.
2. Write a shell script to find "a" to the power "b" using while loop.
3. Write a shell script to convert a string city=“America; Japan; Germany; France, Switzerland” into tokens.
4. Write a shell script to read the contents of a file a.txt.

|  |
| --- |
| Apple  Orange  Mango  Banana  Pineapple |

a.txt

1. Write a shell program that takes username as AIUB19 and password as abcd@1234 from the keyboard which match with same username and password stored in a program. Print on shell as “a valid user”, if there is match. Otherwise, print on shell as “an invalid user”.
2. Declare an array=( Apple, Orange, Mango, Banana, Pineapple ) of a shell script and show the output of the following questions on shell.
3. Print the second element of array
4. Print the length of first element of array
5. Replace a substring a by A for all the elements in array except first element.