

GANPAT UNIVERSITY
U. V. PATEL COLLEGE OF ENGINEERING
B.Tech CE/IT Semester IV
2CEIT404: Python Programming

Practical-5: Dictionary

1. Create and print a dictionary that contains keys a,b,c,d with their values 1,2,3 and 4 respectively using curly bracket syntax and 'dict' in built function.
2. Using above created dictionary perform following operations
 - 1)Write a code to print out the value of a, d, and c.
 - 2) Calculate the sum of the value of a,b,c,d and print it.
 - 3)Add a new key, value pair (e,5) to the dictionary and print dictionary.
3. Filter the dictionary by removing all items with a value greater than 2.
`d={"a":1, "b":2, "c":3, "d":4, "e":5}`
4. Print the names which contain the character 'a' from the dictionary containing 2 lists of male and female students given below.
`{"male": ["Tom", "Charlie", "Harry", "Frank"],
"female":["Sarah", "Huda", "Samantha", "Emily", "Elizabeth"]} }`
5. You have 4 films in the dictionary with the age and number of seats available as indicated below. Write a programme to ask for a film and check for the person that he is eligible to watch movie, also check ticket availability and movie availability in the cinema.
`"War": [3,5],
"Bourne": [18,5],
"Gully boy": [15,5],
"Uri": [12, 5]`