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SBL-Python - Experiment 5

- Aim : Write a python program to demonstrate the use of dictionary & related functions.
- Theory : (1) Dictionary can be defined as python's implementation of a data structure that is more generally known as an associative array.
- (2) A dictionary consists of a collection of key-value pairs.
- (3) Each key-value pair maps the key to its associated value.
- (4) There are many inbuilt functions in python which helps in using these dictionary in a flexible ways.
- Program :

```
thisdict = { "brand" : "Ford"
             "model" : "mustang"
             "year" : 1964 }
```

add item

```
thisdict["color"] = "Black"
print ( ' Dictionary after adding is : ', thisdict )
```

```
thisdict.popitem()
print ( 'After removing the dictionary is : ', thisdict )
```

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this dict . clear ()
print (' Finally the dictionary is : ', thisdict).



Output:

Dictionary after adding is :- { "brand": "Ford", "model": "Mustang",
"year": 1964, "color": "Black" }

After removing the dictionary is :- { "brand": "Ford", "model":
"Mustang", "year": 1964 }

Finally the dictionary is: { } .

Result:

- i) Thus as we see we have used some of the inbuilt functions of python for dictionary.