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| EX:NO:5a | Implementing real-time/technical applications using Sets, Dictionaries. (Language) |
| Date: |

**Aim:**

To Implementing real-time/technical applications using Sets, Dictionaries. (Language)

**Algorithm:**

Step1: Start the program

Step2: Assign the languages

Step3: Perform all the Set operation

Step4: Perform all the Dictionary operation

Step5: Print the result

Step6: End the program

**Program:**

language1={"C","C++","JAVA"}

language2={"PYTHON","ORACLE","C"}

print(language1)

print(language2)

language1.add("SQL")

print(language1)

language1.remove("SQL")

print(language1)

**#Set Methods**

print(language1|language2)

print(language2.union(language1))

print(language1&language2)

print(language1.intersection(language2))

print(language1-language2)

print(language2.difference(language1))

language1.pop()

print(language1)

language2.discard("ORACLE")

print(language2)

**#Dictionary methods**

programming\_language={

"First year": "PYTHON",

"Second year": "C",

"Third year": "JAVA"

}

programming\_language.update({"Second year": "C++"})

print(programming\_language)

**Result:**