1. **Python Program to Add a Key-Value Pair to the Dictionary.**

```
dict = {"name": "Shreya", "age": 22}
dict["city"] = "Nanded"
print("Updated dictionary:", dict)
```

2. **Python Program to Concatenate Two Dictionaries Into One.**

```
dict1 = {'a': 1, 'b': 2}
dict2 = {'c': 3, 'd': 4}
dict1.update(dict2)
print("Merged Dictionary:", dict1)
```

3. **Python Program to Check if a Given Key Exists in a Dictionary or Not.**

```
dict = {'name': 'Shreya', 'age': 22, 'city': 'Nanded'}
key = input("Enter the key to check:")

if key in dict:
    print(f"Yes, '{key}' exists in the dictionary.")
else:
    print(f"No, '{key}' does not exist in the dictionary.")
```

4. **Python Program to Generate a Dictionary that Contains Numbers (between 1 and n) in the Form (x,x*x).**

```
n = int(input("Enter a number:"))
square_dict = {}

for x in range(1, n+1):
     square_dict[x] = x * x
print(square_dict)
```

5. **Python Program to Sum All the Items in a Dictionary.**

```
dict = {'a': 10, 'b': 20, 'c': 30}
total = sum(dict.values())

print("The sum of all values in the dictionary is:", total)
```

6. Python Program to Multiply All the Items in a Dictionary.

```
dict = {'a': 2, 'b': 3, 'c': 4}
result = 1

for value in dict.values():
    result *= value
print("The product of all values in the dictionary is:", result)
```

7. Python Program to Remove the Given Key from a Dictionary.

```
dict = {'a': 10, 'b': 20, 'c': 30}
remove_key = 'b'

if remove_key in dict:
    del dict[remove_key]
    print(f"Key '{remove_key}' has been removed.")
else:
    print(f"Key '{remove_key}' not found in the dictionary.")

    print("Updated dictionary:", dict)
```

8. Python Program to Count the Frequency of Words Appearing in a String Using a Dictionary.

```
text = input("Enter a string: ")
word_count = {}

for word in text.split():
    word_count[word] = word_count.get(word, 0) + 1
print(word_count)
```