```python
#Write a program to print keys and values of the dictionary# Example dictionary
my_dict = { "apple": 3,"banana": 5, "orange": 2}
for key  in my_dict:
    print("Key:", key)
    print("Value:", my_dict[key])
```

```
Key: apple
Value: 3
Key: banana
Value: 5
Key: orange
Value: 2


...Program finished with exit code 0
Press ENTER to exit console.
```

```python
#Write a program to encode a secret message by replacing each character with another charact
secret_message = "Hello"
encoded_message = ""
for char in secret_message:
    new_char = chr(ord(char) + 2)
    encoded_message += new_char

print("Encoded message:", encoded_message)
```

input

```
Encoded message: Jgnnq


...Program finished with exit code 0
Press ENTER to exit console.
```

```python
#Write a program to take range of numbers and print elements of range by skipping two number
start = int(input("Enter the start of the range: "))
end = int(input("Enter the end of the range: "))
current = start
while current <= end:
    print(current)
    current += 3
```

input

```
Enter the start of the range: 6
Enter the end of the range: 17
6
9
12
15

...Program finished with exit code 0
Press ENTER to exit console.
```

```python
1  #Write a program to sort the list of strings in reverse order
2  strings = ["apple", "banana", "orange", "grape", "kiwi"]
3  sorted_strings = sorted(strings, reverse=True)
4  print("Sorted list of strings in reverse order:", sorted_strings)
5
```

input

Sorted list of strings in reverse order: ['orange', 'kiwi', 'grape', 'banana', 'apple']

...Program finished with exit code 0
Press ENTER to exit console.

```python
#Write a function that return a random item from list.
import random

def get_random_item(input_list):
    return random.choice(input_list)
my_list = [1, 2, 3, 4, 5]
random_item = get_random_item(my_list)
print("Random item from the list:", random_item)
```

```
Random item from the list: 2


...Program finished with exit code 0
Press ENTER to exit console.
```

main.py

```python
1  #Write a program to encode a secret message by replacing each character with another charact
2  secret_message = "Hello"
3  encoded_message = ""
4  for char in secret_message:
5      new_char = chr(ord(char) + 2)
6      encoded_message += new_char
7
8  print("Encoded message:", encoded_message)
9
```

input

```
Encoded message: Jgnnq

...Program finished with exit code 0
Press ENTER to exit console.
```

```python
1  #Write a function that returns reverse of the number.
2  a=369
3  b=str(a)
4  c=b[::-1]
5  print(c)
```

input

```
963

...Program finished with exit code 0
Press ENTER to exit console.
```