python.py > start

```python
start = 1500
end = 2701

while (start<end):
    if start%7==0 and start%5==0:
        print(start)
    start += 1
```

python.py > ...

```python
temp = input("Enter temperature: ")
temp = int(temp)

choice = input("Enter C for Celsius or F for Fahrenheit: ")

if choice == "C" or choice == "c":
    temp = (temp - 32) * 5/9
    print("Temperature in Celsius is ", temp)
elif choice == "F" or choice == "f":
    temp = (temp * 9/5) + 32
    print("Temperature in Fahrenheit is ", temp)
else:
    print("Invalid choice")
```

python.py > ...

```python
import random
number_to_guess = random.randint(1, 9)
while True:
    guess = int(input("Guess a number between 1 and 9: "))
    if guess == number_to_guess:
        print("Well guessed!")
        break
    else:
        print("Try again!")

```

python.py > ...

```python
for i in range(1, 6):
    for j in range(i):
        print('*', end='')
    print()
for i in range(4, 0, -1):
    for j in range(i):
        print('*', end='')
    print()

```

python.py > ...

```python
word = input("Enter a word: ")
reversed_word = ""
for char in word:
    reversed_word = char + reversed_word

print("Reversed word:", reversed_word)

```

python.py > ...

```python
numbers = (1, 2, 3, 4, 5, 6, 7, 8, 9)
even_count = 0
odd_count = 0
for num in numbers:
    if num % 2 == 0:
        even_count += 1
    else:
        odd_count += 1
print("Number of even numbers:", even_count)
print("Number of odd numbers:", odd_count)
```

python.py > ...

```python
datalist = [1452, 11.23, 1+2j, True, 'w3resource', (0, -1), [5, 12], {"class": 'V', "section": 'A'}]
for item in datalist:
    print(item, "is of type", type(item))

```

python.py > ...

```python
for i in range(7):
    if i == 3 or i == 6:
        continue
    print(i, end=' ')

```

python.py > ...

```python
a = 0
b = 1
while a <= 50:
    print(a,end=' ')
    temp = b
    b = a + b
    a = temp
```

python.py > ...

```python
for i in range(1, 51):
    if i % 3 == 0 and i % 5 == 0:
        print("FizzBuzz")
    elif i % 3 == 0:
        print("Fizz")
    elif i % 5 == 0:
        print("Buzz")
    else:
        print(i)

```

python.py > ...

```python
m = int(input("Enter number of rows (m): "))
n = int(input("Enter number of columns (n): "))
array = []

for i in range(m):
    row = []
    for j in range(n):
        row.append(i * j)
    array.append(row)

print(array)

```

python.py > ...

```python
binary_numbers = input("Enter comma separated 4-digit binary numbers: ").split(',')
result = []
for binary in binary_numbers:
    number = int(binary, 2)
    if number % 5 == 0:
        result.append(binary)

if result:
    print(",".join(result))
else:
    print("No binary numbers divisible by 5 found")

```

python.py > ...

```python
text = input("Enter a string: ")
letters = 0
digits = 0

for char in text:
    if char.isdigit():
        digits += 1
    elif char.isalpha():
        letters += 1

print("Letters", letters)
print("Digits", digits)
```

python.py > ...

```python
import re

password = input("Enter a password: ")
error_found = False

if len(password) < 6 or len(password) > 16:
    print("Invalid password: Password must be between 6 and 16 characters long.")
    error_found = True

if not re.search("[a-z]", password):
    print("Invalid password: Must include at least one lowercase letter.")
    error_found = True

if not re.search("[A-Z]", password):
    print("Invalid password: Must include at least one uppercase letter.")
    error_found = True

if not re.search("[0-9]", password):
    print("Invalid password: Must include at least one digit.")
    error_found = True

if not re.search("[$#@]", password):
    print("Invalid password: Must include at least one special character ($, #, or @).")
    error_found = True
if not error_found:
    print("Valid password")

```