```python
#SIMPLE ,READABLE,LARGE STANDARD LIBRARY
#HELLO
print("Hello world")
print(1+456)
print("hello"+"  123 admin")
```

```
Hello world
457
hello  123 admin
```

```python
#variables varying data
# variable name = data
name = "Sowmya" #text
age = 90 #integer
height = 5.5 #float
is_trainer = True  #boolean
print(name)
print(age)
print(height)
print(is_trainer)
```

```python
#list multiple values in single variables [single container]
#mutable - u can change the values
skills = ["python","java","AI"]
print(skills)
print(skills[0])
```

```
['python', 'java', 'AI']
python
```

```python
#tuple  immutable which you cant change
coordinates  = (10,20)
print(coordinates)
```

```
(10, 20)
```

```python
#function
def greet(name):
  return "Hello "+name
print(greet("sowmya"))

def welcome():
  return "Hello \n welcome to python"
print(welcome())
```

```
Hello sowmya
```

```python
#user inputs
name = input("Enter your name") #input is string
print(name)
age = int(input("Enter your age")) #input is integer
print(age)
```

```python
#book railway system
print("🚄🚄Welcome to python railway booking system")

#step 1
name = input("Enter your name")
from_city = input("Enter your from")
destination = input("Enter your destination")
date = input("Enter your date")
age = int(input("Enter your age"))
tickets = int(input("Enter your tickets"))

#step 2
price_per_ticket = 100
total_price = price_per_ticket * tickets

#step 3
print("🚄BOOKING SUMMARY🚄")
```

```
print("      BOOKING SUMMARY    ")
print("Hello "+name)
print("Your from is "+from_city)
print("Your destination is "+destination)
print("Your date is "+date)
print("Your age is "+str(age))
print("Your tickets are "+str(tickets))
print("Your total price is "+str(total_price))
print("🚈Booking confirmed!Have a safe journey!🥳")
```

```
🚉🚄Welcome to python railway booking system
Enter your nameSOWMYA
Enter your fromCBE
Enter your destinationCHN
Enter your date2
Enter your age45
Enter your tickets2
💼BOOKING SUMMARY💼
Hello SOWMYA
Your from is CBE
Your destination is CHN
Your date is 2
Your age is 45
Your tickets are 2
Your total price is 200
🚈Booking confirmed!Have a safe journey!🥳
```

Start coding or generate with AI.