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Python Online Compiler

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Understand Python  
better by watching your  
code unfold visually.

Try Now

**main.py**

```
1 name="Arjun"
2 id=101
3 dept="IT"
4 salary="45000"
5 print("Employee name:",name,"\\n","ID:",id,"\\n","Department:",dept,"\\n"
     , "Salary:",salary)
6 name="Sita"
7 id=205
8 dept="HR"
9 salary=38000
10 print("Employee name:",name,"\\n","ID:",id,"\\n","Department:",dept,"\\n"
      , "Salary:",salary)
```



Share

Run

Output

```
Employee name: Arjun
ID: 101
Department: IT
Salary: 45000
Employee name: Sita
ID: 205
Department: HR
Salary: 38000
```

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main.py

```
1 product="Laptop"
2 price=55000.75
3 id=212
4 availability="yes"
5 print("Product Name:",product,"\\n","Product ID:",id,"\\n","Price:"
     .price,"\\n","Stock Availability:",availability)
6 product="Mobile"
7 price=18000
8 id=110
9 availability="yes"
0 print("Product Name:",product,"\\n","Product ID:",id,"\\n","Price:"
     .price,"\\n","Stock Availability:",availability)
```

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Python course where you not just learn concept, but see it run line-by-line visually.

Run

Output

Product Name: Laptop  
Product ID: 212  
Price: 55000.75  
Stock Availability: yes  
Product Name: Mobile  
Product ID: 110  
Price: 18000  
Stock Availability: yes

Code Execution Success

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main.py

```
1 name="Ramesh"
2 type="Savings"
3 balance=12000
4 acc_nbr=987654321
5 print("Bank Account Creation")
6 print(f"Account holder name:{name}")
7 print(f"Account number:{acc_nbr}")
8 print(f"Account type:{type}")
9 print(f"Balance:{balance}")
0 name="Anita"
1 type="Current"
2 balance=55000
3 acc_nbr=875888595
print(f"Account holder name:{name}")
print(f"Account number:{acc_nbr}")
print(f"Account type:{type}")
print(f"Balance:{balance}")
```

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Run

Output

Bank Account Creation  
Account holder name:Ramesh  
Account number:987654321  
Account type:Savings  
Balance:12000  
Account holder name:Anita  
Account number:875888595  
Account type:Current  
Balance:55000

Code Execution

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main.py

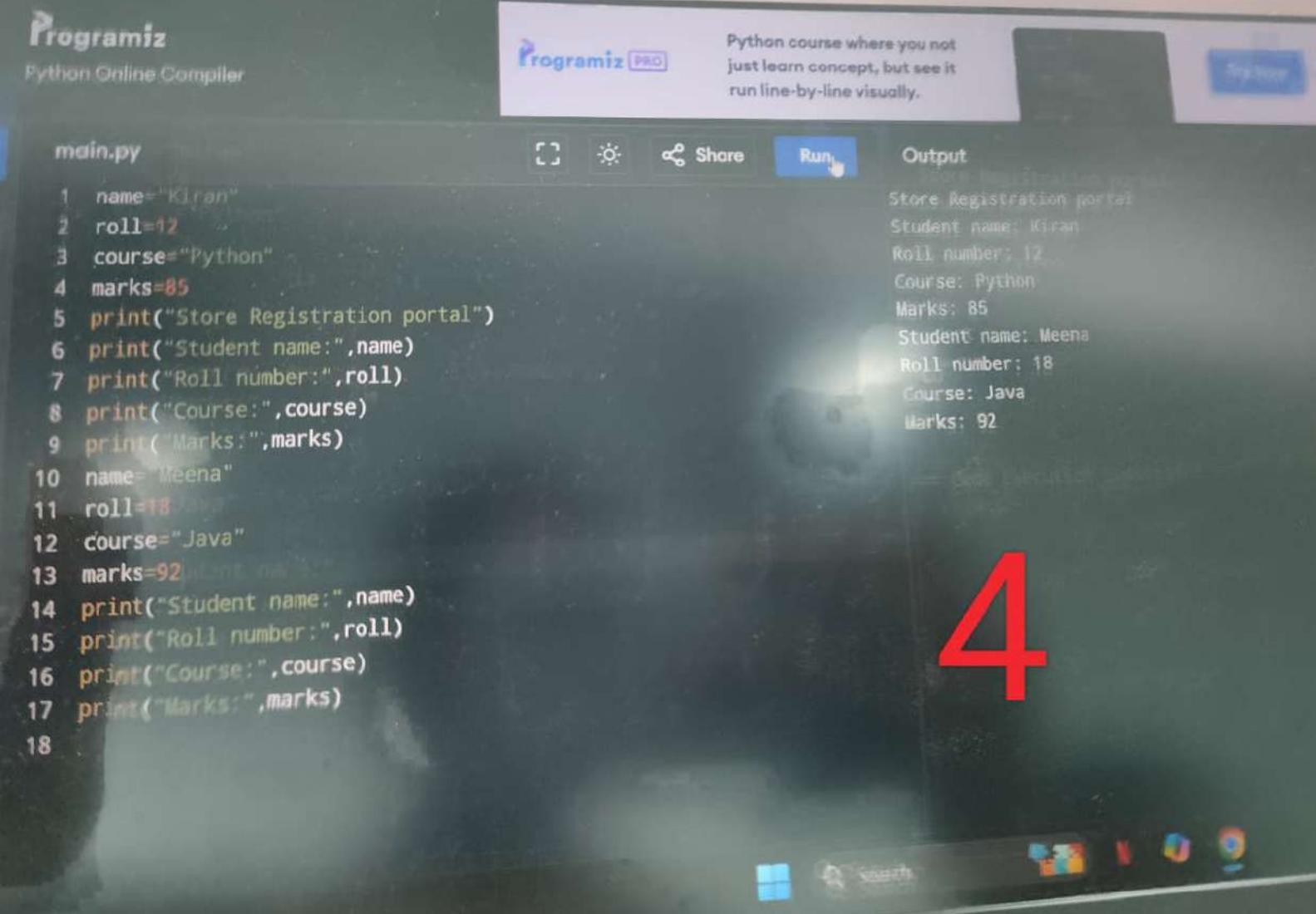
```
1 name="Kiran"
2 roll=12
3 course="Python"
4 marks=85
5 print("Store Registration portal")
6 print("Student name:",name)
7 print("Roll number:",roll)
8 print("Course:",course)
9 print("Marks:",marks)
10 name="Meena"
11 roll=18
12 course="Java"
13 marks=92
14 print("Student name:",name)
15 print("Roll number:",roll)
16 print("Course:",course)
17 print("Marks:",marks)
18
```

Run

Output

Store Registration portal  
Student name: Kiran  
Roll number: 12  
Course: Python  
Marks: 85  
Student name: Meena  
Roll number: 18  
Course: Java  
Marks: 92

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main.py



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Run

Output

```
1 basic=25000
2 hra=5000
3 bonus=3000
4 print("Salary Slip Generator")
5 print(f"Basic salary:{basic}", "\n", f"HRA:{hra}", "\n", f"Bonus:{bonus}")
6 basic=4000
7 hra=8000
8 bonus=0
9 print(f"Basic salary:{basic}", "\n", f"HRA:{hra}", "\n", f"Bonus:{bonus}")
```

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main.py

```
1 restaurant="Dominos"
2 item="Pizza"
3 qty=2
4 price=600
5 print("Online Food Order App")
6 print(f"Restaurant name:{restaurant}","\\n",f"Food item:{item}","\\n"
     .,"Quantity:{qty}","\\n",f"Total price:{price}")
7 restaurant="Bawarchi"
8 item="Biryani"
9 qty=1
10 price=250
11 print(f"Restaurant name:{restaurant}","\\n",f"Food item:{item}","\\n"
       .,"Quantity:{qty}","\\n",f"Total price:{price}")
12
```

Share

Run

Output

Online Food Order App
Restaurant name:Dominoes
Food item:Pizza
Quantity:2
Total price:600
Restaurant name:Bawarchi
Food item:Biryani
Quantity:1
Total price:250

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main.py

```
1 name="Suresh"
2 age=45
3 blood="O+"
4 fee=500
5 print("Hospital Patient Record")
6 print(f"Patient name:{name}","\\n",f"Age:{age}","\\n",f"Blood group
    :{blood}","\\n",f"Consultation Fee:{fee}")
7 name="Latha"
8 age=30
9 blood="A+"
10 fee=700
11 print(f"Patient name:{name}","\\n",f"Age:{age}","\\n",f"Blood group
    :{blood}","\\n",f"Consultation Fee:{fee}")
```



Share

Run

Output

```
Hospital Patient Record
Patient name:Suresh
Age:45
Blood group:O+
Consultation Fee:500
Patient name:Latha
Age:30
Blood group:A+
Consultation Fee:700
```

Code Execution

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main.py

```
1  userName="Vaishu"      #####Valid
2  print(userName)
3  user_name="Vaishu"
4  print(user_name)       #####Valid
5  1user="Vaishu"
6  print(1user)           #####Invalid
7  user-name="Vaishu"
8  print(user-name)       #####Invalid
9
10
11
```



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Run

Output

ERROR!

Traceback (most recent call last):  
File "<main.py>", line 5  
 1user="Vaishu"  
 ^

SyntaxError: invalid decimal literal



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```
main.py
1 duration="6months"
2 team=5
3 budget=200000
4 print("Multiple Assignment in Company Project")
5 print(f"Project duration:{duration}","\\n",f"Team size:{team}","\\n"
     .f"Project Budget:{budget}")
6 print("-----")
7 duration="12months"
8 team=10
9 budget=750000
print(f"Project duration:{duration}","\\n",f"Team size:{team}","\\n"
      .f"Project Budget:{budget}")
```

Share Run

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code unfold visually.

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### Output

Multiple Assignment in Company Project  
Project duration:6months  
Team size:5  
Project Budget:200000

Project duration:12months  
Team size:10  
Project Budget:750000

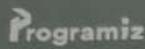
Code Execution

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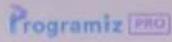


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Try Now

main.py

```
1 username="admin"
2 length=8
3 status=True
4 print("User Login Module")
5 print(f"Username:{username}","\\n",f"Password length:{length}","\\n"
     .f"Status:{status}")
6 print("-----")
7 username="guest"
8 length=4
9 status=False
10 print(f"Username:{username}","\\n",f"Password length:{length}","\\n"
       .f"Status:{status}")
11
12
```



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Run

Output

User Login Module  
Username:admin  
Password length:8  
Status:True

Username:guest  
Password length:4  
Status:False

Code Examples

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**4-8 PM**

```
main.py
1 id=7890
2 partner="Swiggy"
3 status="Delivered"
4 print("Delivery Tracking System")
5 print(f"Order ID:{id}", "\n", f"Delivery partner:{partner}", "\n",
     .f"delivery status:{status}")
6 print("-----")
7 id=4567
8 partner="Zomato"
9 status="Pending"
10 print(f"Order ID:{id}", "\n", f"Delivery partner:{partner}", "\n",
      .f"delivery status:{status}")

11
12
13
```

#### Output

Delivery Tracking System  
Order ID:7890  
Delivery partner:Swiggy  
delivery status:Delivered  
-----  
Order ID:4567  
Delivery partner:Zomato  
delivery status:Pending

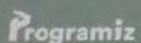


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Python Online Compiler

main.py

```
1 brand="Dell"
2 serial=12345
3 condition="Good"
4 employee="Ramu"
5 print("IT Asset Management")
6 print(f"Laptop Brand:{brand}","\\n",f"Serial number:{serial}","\\n"
      ,f"Assigned employee:{employee}","\\n",f"Condition:{condition}")
7 print("-----")
8 brand="HP"
9 serial=67890
10 condition="Repair"
11 employee="Vijay"
12 print(f"Laptop Bränd:{brand}","\\n",f"Serial number:{serial}","\\n"
      ,f"Assigned employee:{employee}","\\n",f"Condition:{condition}")
13
14
```

- 1. Build a Website
- 2. Cheap Airport Car Rental

- 3. Create a Simple Website
- 4. Create a Web Site

#### Output

IT Asset Management  
Laptop Brand:Dell  
Serial number:12345  
Assigned employee:Ramu  
Condition:Good

Laptop Brand:HP  
Serial number:67890  
Assigned employee:Vijay  
Condition:Repair

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main.py

```
1 10=a
2 print(a)
3
```



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Run

Output

ERROR!

Traceback (most recent call last):

File "<main.py>", line 1  
10=a  
^

SyntaxError: cannot assign to literal  
'='?

13



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Online Python Compiler (Inter) programiz.com/python-programming/online-compiler/

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Try N

main.py

```
1 int a
2 print(a)
```

Share Run Output

ERROR!

Traceback (most recent call last):  
File "<main.py>", line 1  
int a  
^  
SyntaxError: invalid syntax

13

The screenshot shows a web-based Python compiler interface. In the code editor, there is a single file named 'main.py' containing the following code:

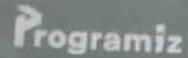
```
1 int a
2 print(a)
```

The 'Run' button has been clicked, resulting in an error message. The output panel displays:

ERROR!

Traceback (most recent call last):  
File "<main.py>", line 1  
int a  
^  
SyntaxError: invalid syntax

A large red number '13' is overlaid on the bottom right corner of the screenshot.



Python Online Compiler



Understand Python  
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code unfold visually.

try it

main.py

```
1 income=60000
2 expenses=40000
3 savings=20000
4 print("Financial Application Values")
5 print(f"Income:{income}","\\n",f"Expenses:{expenses}","\\n",f"Savings
   :{savings}")
6 print("-----")
7 income=45000
8 expenses=30000
9 savings=15000
10 print(f"Income:{income}","\\n",f"Expenses:{expenses}","\\n",f"Savings
    :{savings}")
11
```



Output

Financial Application Values

Income:60000

Expenses:40000

Savings:20000

Income:45000

Expenses:30000

Savings:15000

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