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≡ Challenge 2.1 ✓



```
/nix/store/zqk3m21442kvpjwd3rh41wdavqkzkyi  
k-python3-wrapper/bin/python3 $file  
Hello!!! Welcome to the Deposit & Withdrawal  
Machine
```

```
Enter amount to be Deposited: 45000
```

```
Amount Deposited: 45000.0
```

```
Enter amount to be Withdrawn: 5000
```

```
You Withdrew: 5000.0
```

```
Net Available Balance= 40000.0
```

```
␣  
␣
```



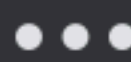
>_ Console



▶ Run



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Challenge 2.1



```
1 # Python program to create Bankaccount
  class
2 # with both a deposit() and a
  withdraw() function
3 class Bank_Account:
4     def __init__(self):
5         self.balance=0
6         print("Hello!!! Welcome to the
  Deposit & Withdrawal Machine")
7
8     def deposit(self):
9         amount=float(input("Enter
  amount to be Deposited: "))
10        self.balance += amount
11        print("\n Amount
  Deposited:",amount)
```

Ln 32, Col 12 History



main.py



Run



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Challenge 2.1



```
13 def withdraw(self):
14     amount = float(input("Enter
amount to be Withdrawn: "))
15     if self.balance>=amount:
16         self.balance-=amount
17         print("\n You Withdrew:",
amount)
18     else:
19         print("\n Insufficient
balance ")
20
21 def display(self):
22     print("\n Net Available
Balance=",self.balance)
23
24 # Driver code
25
26 # creating an object of class
```

Ln 32, Col 12 History



main.py



Run



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Challenge 2.1



```
23
24 # Driver code
25
26 # creating an object of class
27 s = Bank_Account()
28
29 # Calling functions with that class
    object
30 s.deposit()
31 s.withdraw()
32 s.display()
33
```

Ln 32, Col 12 History



main.py



Run



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☰ Challenge 2.2 ☑ ☁



```
❏ /nix/store/zqk3m21442kvpjwd3rh41wdavqkzkyi  
k-python3-wrapper/bin/python3 $file  
True  
False  
False  
True  
❏
```



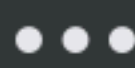
>_ Console



▶ Run



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Challenge 2.2



```
1 # Python example to check if a class is
2 # subclass of another
3
4 class Base(object):
5     pass # Empty Class
6
7 class Derived(Base):
8     pass # Empty Class
9
10 # Driver Code
11 print(issubclass(Derived, Base))
12 print(issubclass(Base, Derived))
13
14 d = Derived()
15 b = Base()
16
17 # b is not an instance of Derived
```

Ln 1, Col 1 History



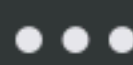
main.py



Run



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```
8     pass    # Empty Class
9
10  # Driver Code
11  print(issubclass(Derived, Base))
12  print(issubclass(Base, Derived))
13
14  d = Derived()
15  b = Base()
16
17  # b is not an instance of Derived
18  print(isinstance(b, Derived))
19
20  # But d is an instance of Base
21  print(isinstance(d, Base))
```

Ln 1, Col 1 History



main.py



Run



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