# IN IT TO WIN IT


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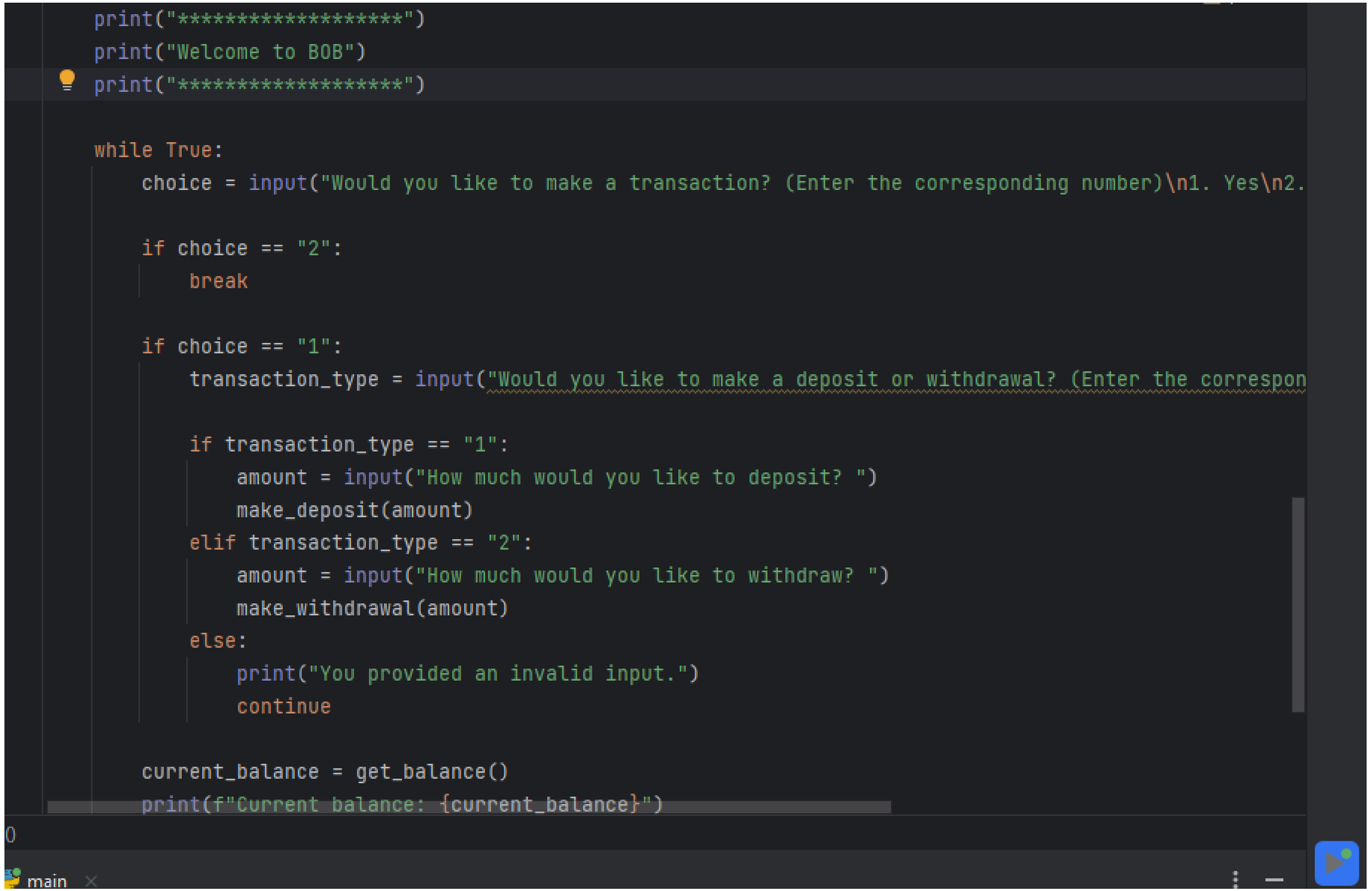
# PYTHON

**Python is a general purpose programming language that can be used on any modern computer operating system**

# VARIABLES



```
print("********************")
print("Welcome to BOB")
print("********************")

while True:
    choice = input("Would you like to make a transaction? (Enter the corresponding number)\n1. Yes\n2.

    if choice == "2":
        break

    if choice == "1":
        transaction_type = input("Would you like to make a deposit or withdrawal? (Enter the correspon

        if transaction_type == "1":
            amount = input("How much would you like to deposit? ")
            make_deposit(amount)
        elif transaction_type == "2":
            amount = input("How much would you like to withdraw? ")
            make_withdrawal(amount)
        else:
            print("You provided an invalid input.")
            continue

    current_balance = get_balance()
    print(f"Current balance: {current_balance}")
```

main

# DATA TYPES

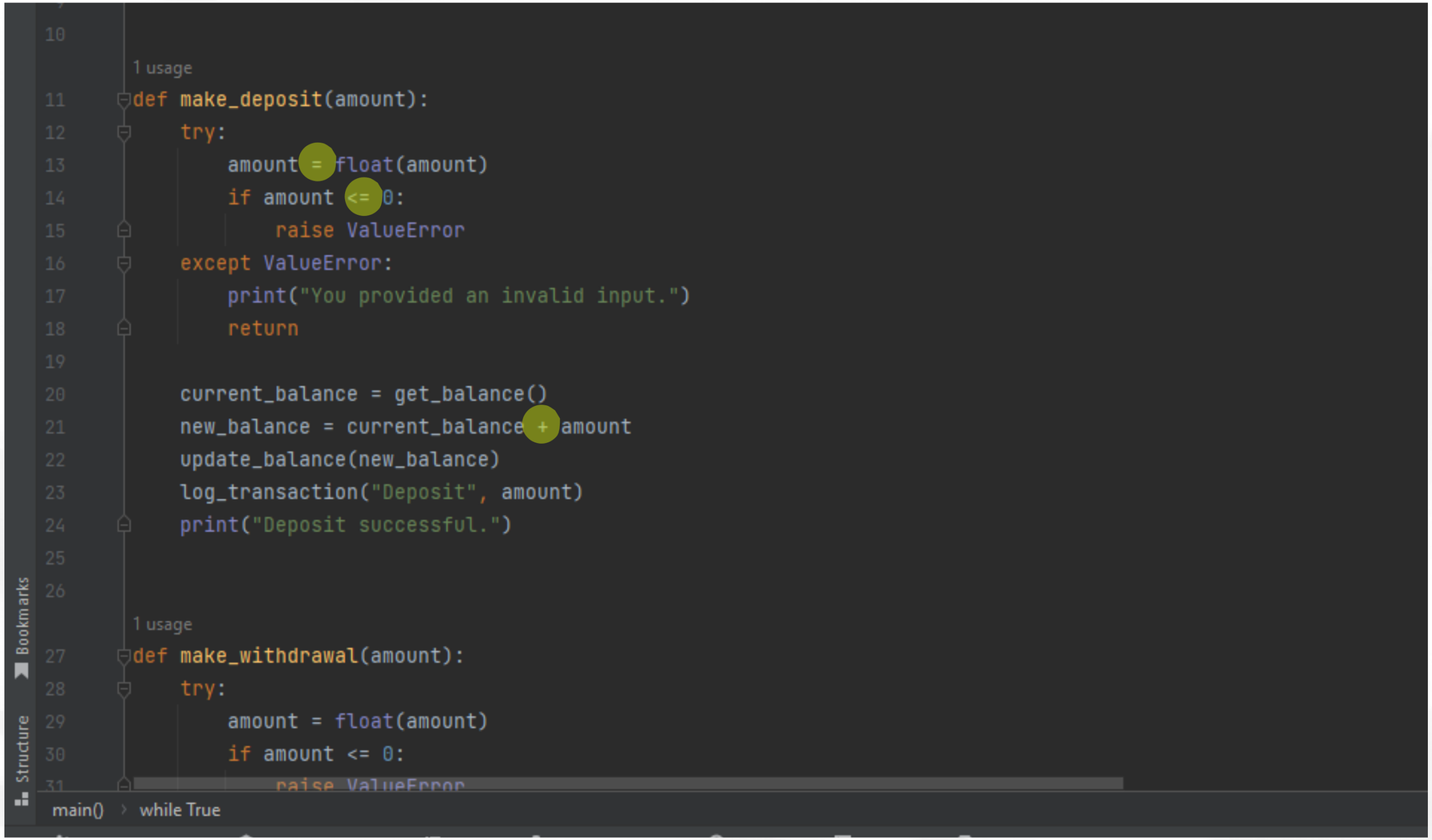
**Data types are used to define the type of a variable.**

```
    except ValueError:
        print("You provided an invalid input.")
        return
```

```
29          amount = float(amount)
30          if amount <= 0:
31              raise ValueError
```

```
6   def update_balance(new_balance):
7       with open("Bank Data.txt", "w") as file:
8           file.write(str(new_balance))
9
```

# OPERATORS


1 usage
def make_deposit(amount):
try:
amount = float(amount)
if amount <= 0:
raise ValueError
except ValueError:
print("You provided an invalid input.")
return
current_balance = get_balance()
new_balance = current_balance + amount
update_balance(new_balance)
log_transaction("Deposit", amount)
print("Deposit successful.")
1 usage
def make_withdrawal(amount):
try:
amount = float(amount)
if amount <= 0:
Bookmarks
Structure
main() › while True

# THANK YOU