





Quiz

Test what you have learnt so far.

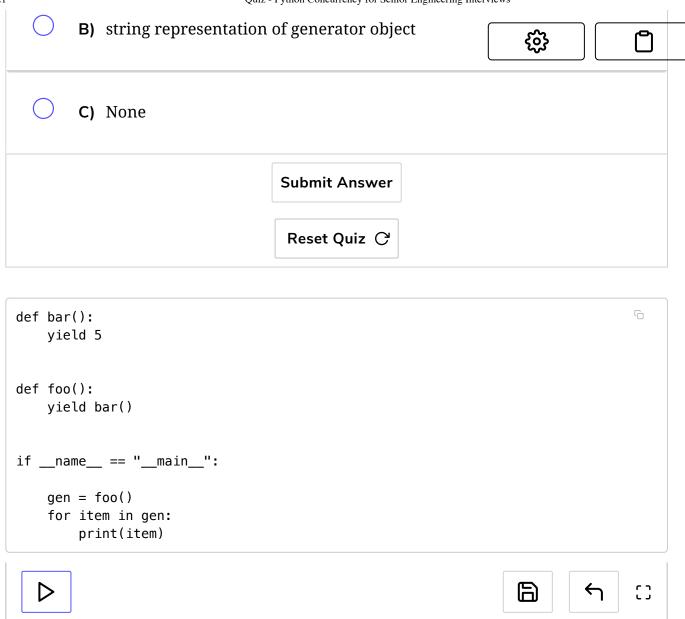
Question # 1

```
def bar():
    yield 5

def foo():
    yield bar()

if __name__ == "__main__":
    gen = foo()
    for item in gen:
        print(item)
```

- Q What will be the output of the print statement?
- **A)** 5







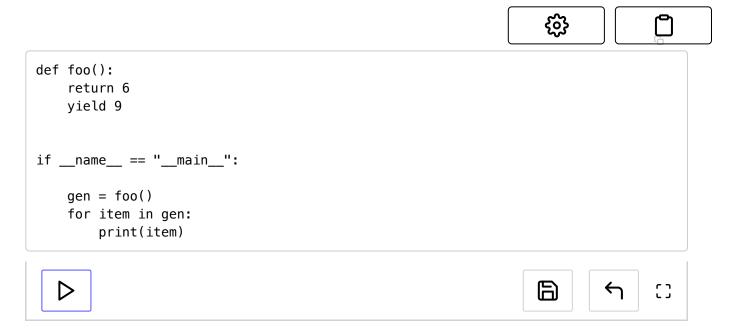
```
def foo():
    return 6
    yield 9

if __name__ == "__main__":
    gen = foo()
    for item in gen:
        print(item)
```

- Q What will the outcome of the print statement?
- A) StopIteration is raised and the program crashes
- B) Nothing is printed
- C) 6 is printed
- O) 9 is printed

Submit Answer

Reset Quiz 🖰

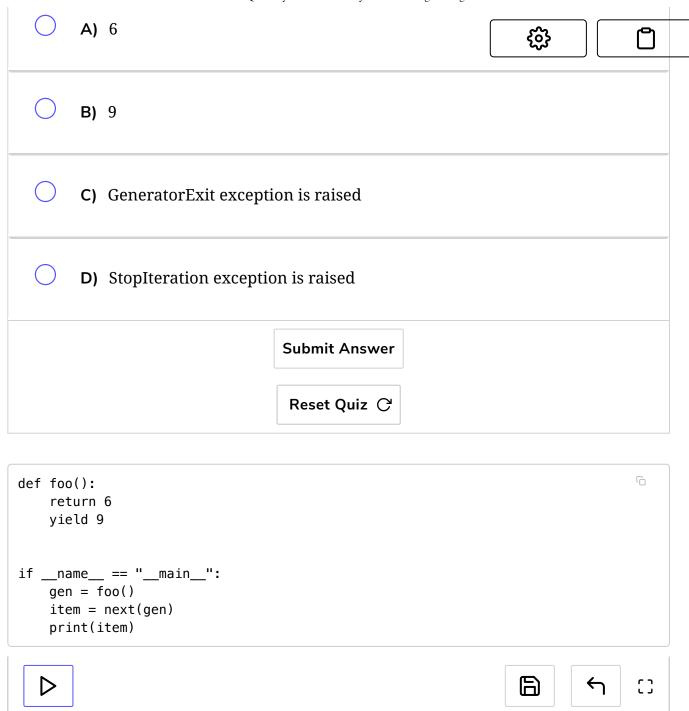


Consider the changes we made to the previous question. The for loop is removed and we manually iterate the generator.

```
def foo():
    return 6
    yield 9

if __name__ == "__main__":
    gen = foo()
    item = next(gen)
    print(item)
```

Q What would be the output of the print statement?







```
def useless_generator():
    yield

if __name__ == "__main__":
    for item in useless_generator():
        print(item)
```

Q	What would be the outcome of the print statement?
	A) Syntax is illegal
	B) The for loop is never executed as there's no value to yield
0	C) None
	Submit Answer
	Reset Quiz C

```
def useless_generator():
    yield

if __name__ == "__main__":
    for item in useless generator():
```



```
def generate_numbers():
    i = 0
    i += 1
    yield i
    k = yield
    print("Received in generator function : " + str(k))

if __name__ == "__main__":
    generator = generate_numbers()

    item = next(generator)
    generator.send(55)
```

- Q What is printed on the console?
- **A)** 55
- B) None

