

Q: Explain SDLC in detail.

[illegible]

Q: Explain DBMS architecture.

[illegible]

Q: Explain Operating System concepts.


```
def update(index, value):  
    data[index] = value
```

```
def delete(index):  
    data.pop(index)
```

```
for i in range(20):  
    create(i)  
data = []
```

```
def create(item):  
    data.append(item)
```

```
def read():  
    return data
```

```
def update(index, value):  
    data[index] = value
```

```
def delete(index):  
    data.pop(index)
```

```
for i in range(20):  
    create(i)
```

Q: File handling in Python.

```
with open("file.txt", "w") as f:  
    f.write("Hello")
```

```
with open("file.txt", "r") as f:  
    print(f.read())  
with open("file.txt", "w") as f:  
    f.write("Hello")
```

```
with open("file.txt", "r") as f:  
    print(f.read())  
with open("file.txt", "w") as f:  
    f.write("Hello")
```

```
with open("file.txt", "r") as f:  
    print(f.read())  
with open("file.txt", "w") as f:  
    f.write("Hello")
```

```
with open("file.txt", "r") as f:  
    print(f.read())  
with open("file.txt", "w") as f:  
    f.write("Hello")
```

```
with open("file.txt", "r") as f:  
    print(f.read())
```

Q: API example in Python.

Functions are reusable blocks of code.

Q: What is an array?

Arrays store multiple values.

Arrays store multiple values.

Arrays store multiple values.

Arrays store multiple values.

Arrays store multiple values.

Arrays store multiple values.

Arrays store multiple values.

Arrays store multiple values.

Arrays store multiple values.

Arrays store multiple values.