

UNITED INTERNATIONAL UNIVERSITY

ASSIGNMENT MID SUM-24

Presented To

SAMIN SHARAF SOMIK

Presented By

MD. SADMAN HAQUE

—

ID :- 

Artificial Intelligence Laboratory - E

question-1

```
import numpy as np  
arr = np.array([1, 3, 9, 5, 2])  
print(arr[arr < 3])
```

question-2

```
import numpy as np  
a = np.array([[1, 2, 3, 4, 5],  
              [4, 11, 23, 8],  
              [7, 18, 20, 6]])  
print(a[0:2, 1:3])
```

question-3

```
List 1 = ['Red', 'Blue', [20, 3, 10, 5], 'Green']  
List 2 = List 1[2]  
print(List 2[1:3])
```

question-4

```
dict = { "color": "Black",  
         "model": "Samsung",  
         "year": 2022 }
```

```
print (dict.keys())
```

question-5

```
Arr = [10, -3, 5, 6, 7, 3, -1, 15, 2]
```

```
print (max(Arr))
```

question-6

```
class Direction:
```

```
def __init__(self, degree, title, short):
```

```
    self.degree = degree
```

```
    self.title = title
```

```
    self.short = short
```

question-7

Name = "A"

Age = 20

print(f"{Name} is aged {Age}")

question-8

No, because the length of all subarrays are not same.