

## Week 4 – Day 4: Coding Challenge

(Maximum marks - 15)

AttainuID: #50

Q-1) Write a function to print all elements of an array using any loop (except for...of)

Q-2) Write a function to print all elements of an array using for...of loop.

Marks distribution:

Question 1,2 carry 7.5 marks

1 answer

```
const iterable=['a',b ];
for (const x of iterable) {
  console.log (x);
}
```

output

a

b

for - of goes the items of iterable and assigns them, one at a time to time loop variable x, before it executes the body the scope of x is the loop it only exists inside it

you can use the break and

continue ;

```
for (const x of ['a' , 'b' ]) {
  if (x.length===0)
    break;
  console.log (x);
}
```

for-of combines the advantages of ;

1. normal of loops breaks/ continue; usable in generators
2. for each ()methods; concise syntax

2 answer

array- like but, but not iterable !

```
const array = {length: 2,0: 'a' , 1: 'b' };
for (const x of arraylike)
{
```

```
  console.log (x) ;
}
```

```
for (const x of array.from (arraylike)) {
```

```
  console.log (X);
}
```