

Python-

SetsAssignment

Questions

Assignment

Q1. What is a set in Python?

Ans. Sets are used to store multiple data in a single variable. A set is a collection of unordered and unchangeable sets and no repetition is allowed in elements.

Q2.How do you create a set in Python?

Ans. In python we can create a set by placing all elements inside the curly braces{}. There is no repetition in set elements.

Example:

```
s1 = {1,2,3,1,2,34,5,4,3,1}
```

Q3. How do you add elements to a set in Python?

Ans. We are add elements to a set by using add function

Example: s1 = {1,2,3,1,2,34,5,4,3,1}

```
s1.add("pwskills")
```

Output:

```
{1,2,3,34,4,5,'pwwskills'}
```

Q4. How do you remove elements from a set in Python?

Ans. We remove elements from a set by using remove function.

Example:

```
s1 = {1,2,3,1,2,34,5,4,3,1}
```

```
s1.remove(3)
```

Output:

```
{1,2,34,5,'pwwskills'}
```

Q5. How do you get the length of a set in Python?

Ans. By using the length function we get the length of the set in python.

Example:

```
s1 = {1,2,34,5,'pwwskills'}
```

```
len(s1)
```

Output:

```
5
```

Note: Create your assignment in Jupyter notebook and upload it to GitHub & share that github repository link through your dashboard. Make sure the repository is public.

Python Foundations