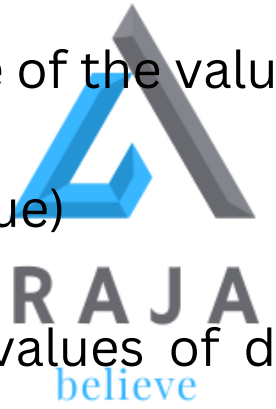
IMPLEMENT SIMPLE ADTs AS PYTHON CLASSES

- Define a function named datatype that takes one value as argument using def keyword.

```
def datatype(value)
```

- Return the data type of the value using type method.

```
return type(value)
```



- Assign three input values of different data types and print the result.

```
value1="kamal"
print(f"'{value1}' datatype is '{datatype(value1)}' ")
```

CODE:

```
def datatype(value):
  return type(value)
value1="kamal"
print(f"'{value1}' datatype is '{datatype(value1)}'")
value2=70
print(f"'{value2}' datatype is '{datatype(value2)}'")
value3=[5,6,7]
print(f"'{value3}' datatype is '{datatype(value3)}'")
```

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OUTPUT: