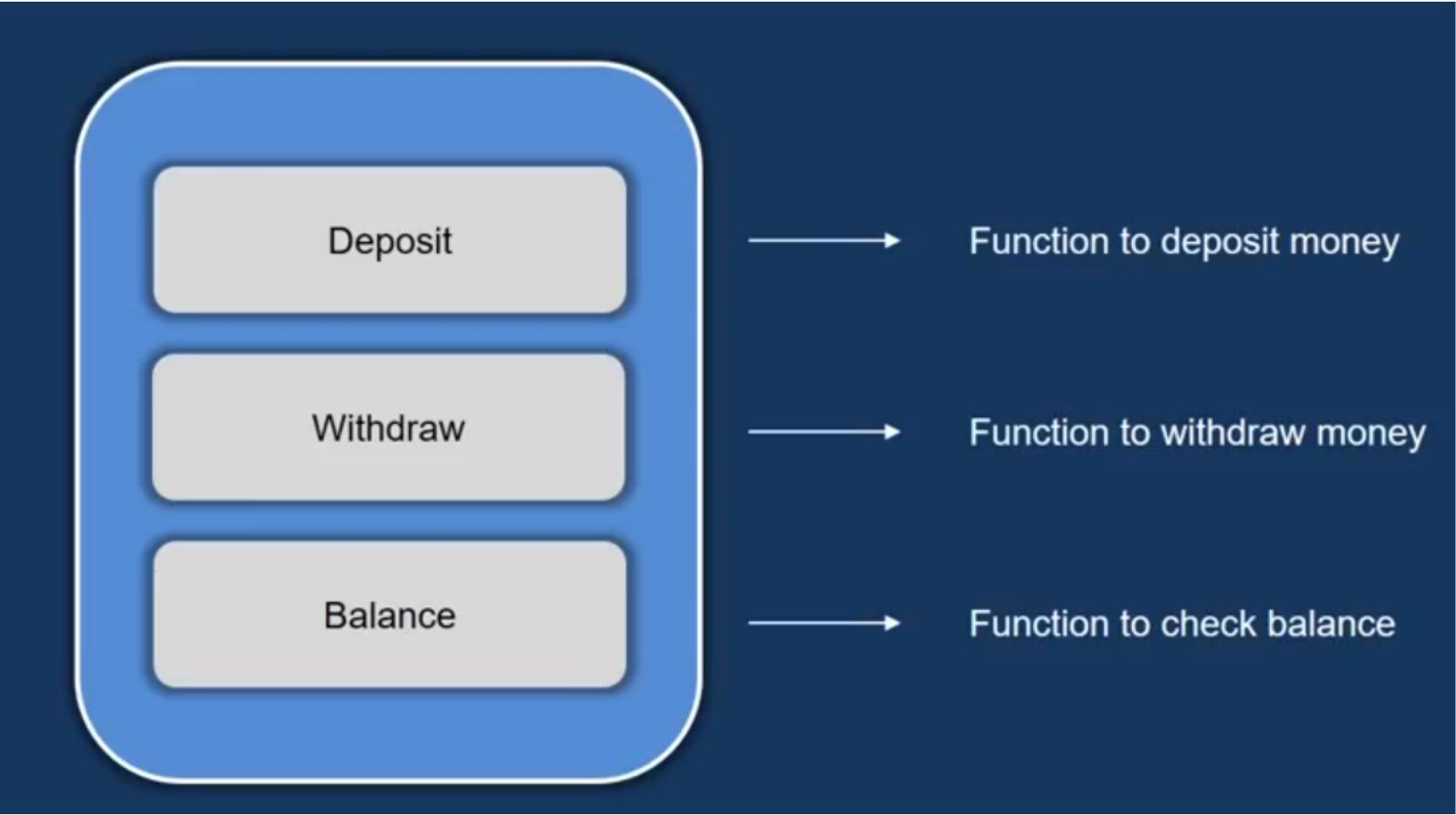


Function is a block of code performing a specific task



```
In [1]: def hello ():  
        print("Hello world")
```

```
In [2]: hello()  
  
Hello world
```

```
In [3]: #Here 'hello' is a function and when ever this function is called, it will type 'Hello world'.  
        #This function has no parameters()
```

```
In [6]: #Ask user to input a value and make a function which adds 10 in in and returns the value.  
def add10 (x):  
    return x + 10
```

```
In [7]: add10(1)  
  
Out[7]: 11
```

```
In [26]: #now do this in a better way  
print("enter a number", "-")  
i = int(input())  
def add10 (i):  
    return i + 10  
add10(i)  
  
enter a number -  
10  
Out[26]: 20
```

```
In [32]: #To find odd even number  
  
print("enter a number", "-") #input a number  
  
i = int(input()) #method for asking to enter a number  
  
def odd_even (i): #defining the function  
  
    if i%2==0:      #adding condition  
  
        print (i, "is even")  
  
    else:  
        print (i, "is odd")  
  
odd_even(i)          #calling function  
  
enter a number -  
974535795  
974535795 is odd
```

