Weekly Python Challenge 26

Write a function named only_ints that takes two parameters. Your function should return True if both parameters are integers, and False otherwise.

For example, calling only_ints(1, 2) should return True, while calling only_ints("a", 1) should return False.

```python
In [1]: def only_ints(x,y):
            return type(x)==int and type(y)==int
```

```python
In [2]: only_ints(1, 2)
```

```
Out[2]: True
```

```python
In [3]: only_ints("a", 1)
```

```
Out[3]: False
```

```python
In [4]: only_ints(True, 1)
```

```
Out[4]: False
```

Optional Bonus

Create a program that simulates rock, paper, scissors!

```python
In [5]: import random
```

```python
In [6]: def inputStr():
            try:
                x = str(input("Enter your choice between rock, paper, scissors: "))
                assert x.lower() in["rock", "paper", "scissors"]
            except:
                print("invalid entry")
            else:
                return(x.lower())
```

```python
In [7]: def encodeStr(x):
            switcher = {
                'rock':0 ,
                'paper': 1,
                'scissors':2,
            }
            return switcher.get(x)
```

```python
In [8]: def decodeStr(x):
            switcher = {
                0:'rock',
                1:'paper',
                2:'scissors',
            }
            return switcher.get(x)
```

```python
In [9]: def gameResult(x):
            y =random.randint(0, 2)
            z=encodeStr(x)
```

```python
        if y==z:
            print("Computer's choice is "+decodeStr(y)+'\n It is a tie!')
        elif ((z==0 and y==2) or(z==1 and y==0) or (z==2 and y==1)):
            print("Computer's choice is "+decodeStr(y)+'\n You win, Congratulations!')
        else:
            print("Computer's choice is "+decodeStr(y)+'\n You lost, sorry try again ^^')
```

In [10]:
```python
def play():
    try:
        x = str(input("Enter your choice between rock, paper, scissors: "))
        assert x.lower() in["rock", "paper", "scissors"]
        x=x.lower()
        gameResult(x)
    except:
        print("invalid entry")
```

In [11]:
```python
play()
```

```
Enter your choice between rock, paper, scissors: test
invalid entry
```

In [12]:
```python
play()
```

```
Enter your choice between rock, paper, scissors: Rock
Computer's choice is paper
 You lost, sorry try again ^^
```

In [13]:
```python
play()
```

```
Enter your choice between rock, paper, scissors: paper
Computer's choice is rock
 You win, Congratulations!
```