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Grade 8

Recap worksheet on print(), input (), variables and operators

1. Knowledge & Understanding (input() and print())- Answer the following

1. What is the purpose of the print() function? Give one example.
2. What does the input() function do? What type of value does it return?
3. What will be the output of:

```
print("Python", "Programming")
```

4. Differentiate between:

```
print("10 + 5")
print(10 + 5)
```

5. Write a statement to take a student's name as input and display:

   Welcome <name>

---

2. Spot the errors (Debugging)

1.
```
print "Hello World"
```

2.
```
name = input("Enter name: ")
print("Hello" name)
```

3.
```
age = input("Enter age: ")
print("You are "  age  " years old")
```

4.
```
num = input("Enter number: ")
print(num + 10)
```

5.
```
print("Welcome to Python)
```

---

3. Predict the output:

1.
```
print("Hello")
print("World")
```

2.
```
name = "Alex"
print("Hi", name)
```

LIVEWORKSHEETS

3.
```
print(5 * 2)
print("5 * 2")
```

4.
```
num = "4"
print(num * 3)
```

5.
```
a = 10
b = 5
print(a + b)
print("a + b")
```

---

4. Write python programs for the questions given below (Application-Based)

1. Write a program to take a student's name as input and print:

   Hello <name>, welcome to Python!

2. Write a program to take two numbers as input and display their sum.
3. Write a program to take a number as input and print its double.
4. Write a program to take your age as input and display:

   You will be <age+1> next year

5. Write a program to take your favorite subject as input and display:

   My favorite subject is <subject>

LIVEWORKSHEETS