

## 1. File Path – Backslashes ( \ ) again

### ❌ Problem:

```
python
```

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```
chai = "c:\user\pwd"
```

You got this error:

```
vbnet
```

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```
SyntaxError: (unicode error) 'unicodeescape' codec can't decode bytes ...
```

👉 This is because `\u` is expected to start a Unicode escape, but `\user` is not valid.

### ✅ Fix:

You correctly tried:

```
python
```

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```
chai = "c:\\user\\pwd"
```

or even better:

```
python
```

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```
chai = r"c:\user\pwd"
```

✅ Both work and give the result: `c:\user\pwd`

## ✅ 2. Checking Substrings with "in"

You're checking if a word exists in another string:

Example:

```
python
```

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```
chai = "Ginger Chai" print("Ginger" in chai) # ✅ Output: True print("Gingerssss" in
```

```
chai) # ❌ Output: False
```

### 🧠 Explanation:

- "Ginger" exists **inside** "Ginger Chai" → True
- "Gingerssss" does **not** exist → False

## ❌ 3. Minor Syntax Mistake

You tried:

```
python
```

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```
print("Ginger" on chai)
```

### ❌ This gives:

```
javascript
```

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```
SyntaxError: invalid syntax
```

👉 Because `on` is **not valid Python** here. You meant:


```
python
```

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```
print("Ginger" in chai)
```

## ✅ Summary Table

Code	Output	Why?
"c:\user\rwd"	❌ Error	\u is a Unicode escape
"c:\\user\\rwd" or r"c:\user\rwd"	✅ OK	Escapes or raw string
"Ginger" in chai	True	"Ginger" is part of the string
"Gingerssss" in chai	False	Not in the string

Code	Output	Why?
"Ginger" on chai	 Error	Invalid syntax ( on isn't valid)