# PP Task 5.3 Spot the Mistakes Answer Sheet

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## Some Sequence

**What is the problem reported in VS Code? (Paste it below.)**

Expected indented block

**How would you describe the error in your own words?**

The error occurred because we do not have a tab or 4 spaces before the print statement, after a function is defined, we need to have a tab to make sure the code we write sits inside that function.

**What would you change to correct the error?**

We can add 4 spaces or a tab before print statement.

## Another Sequence

**What is displayed when you run the program? (Paste the output, including any errors, below.)**

* IndentationError: expected an indented block after function definition
* "c" is unbound

**How would you describe the error in your own words?**

The first error is same as what I described in the previous answer, after a function is defined, we need to have a tab to make sure the code we write sits inside that function.

The second error is because the variable c has not assigned any value to it, which is why we cannot perform operations with it as it does not hold any value in it.

**What would you change to correct the error?**

Add a tab before the variable “a” initialisation

Move b = a\*c after c=27

## Sentence Analysis

**What output did you observe?**

IndexError: list index out of range

**Which parts of the output, including the error message, do you think are most useful?**

The description “list index out of range” was most useful

**What is your interpretation of the error?**

It means the index we are using to get the value from the list is out of range from the no. of values in the list ie. We’re trying to get the value of the index which is not present in the list

**What would you change to correct the error?**

I would delete the “=” from while loop which will solve this error.

## Palindrome

|  |  |
| --- | --- |
| **Input used** | **Observed output** |
| sachin | TypeError: 'float' object cannot be interpreted as an integer |

**Which parts of the output, including the error message, do you think are most useful?**

The description was helpful: 'float' object cannot be interpreted as an integer

**What is your interpretation of the error?**

It simply means we cannot use float where an integer is expected

**What would you change to correct** **the erroneous behaviour?**

I would use // instead of / in the for loop.

## Lift Capacity

|  |  |
| --- | --- |
| **Input used** | **Observed output** |
| 12 | Nothing in return |
| 4 | Nothing in return |

**What do you think the cause of the erroneous behaviour is?**

The “- “in the occupant’s input is converting all the input into a negative integer which is resulting the condition to be false every time as occupants can never be more than 10.

**What would you change to correct it?**

Remove the “- “

## How well does ChatGPT solve these problems?

Select any **one**of the five problems and ask ChatGPT what’s wrong with the code.

**What did you ask ChatGPT? (Paste the input(s) you gave it.)**

Gave – Another Sequence code and asked what’s wrong with the code?

**What was its response?**

The issue with your code is that you're using the variable c in the line b = a \* c before c has been assigned a value. This leads to a NameError because c is being used before it is defined.

**What do you think about the quality of its answer? For this kind of problem would you choose to use an AI tool or is the support offered by VS Code sufficient?**

It’s okay but for this kind of problems VS code should be sufficient as it provides you with detailed error description and the line where the issue has occurred.