TechTalent Academy
Safeguarding Policy

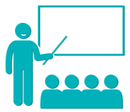
*“Protecting an adult’s right to live in **safety, free from abuse and neglect**. It is about people and organisations working together to **prevent and stop both the risks and experience of abuse or neglect**, while at the same time making sure that the **adult’s wellbeing is promoted** including, where appropriate, having regard to their views, wishes, feelings and beliefs in deciding on any action. This must recognise that adults sometimes have complex interpersonal relationships and may be ambivalent, unclear or unrealistic about their personal circumstances.”*

If you have a safeguarding concern, please raise this with your tutor or via the safeguarding link on our website:

https://www.techtalent.co.uk/safeguarding-statement

TechTalent’s safeguarding lead is: **Max Ruddock**

Python Project



Python project

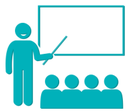
- *You are going to use the different Python concepts seen to build a program that will simulate the behaviour of an ATM. Follow the instructions below:*

1.Print a main menu to ask the user different options for displaying the bank account balance, for depositing money, to withdraw money, and to exit from the ATM.

-Re-use the ATM menu options across the program to ask the user if he/she would like to perform another operation on the bank account.

- *Ask the user a PIN to access to the ATM menu once the PIN is correct otherwise ask the user to try again.*

- *Make sure to store an initial balance amount into a variable.*



Python project

2. Prompt the user to enter an option:

- *If '1' is entered, display the current balance and return to main menu.*
- *If '2' is entered, print a sub-menu with withdrawal amounts (10, 20, 40, 60, other amount):*
    - *If the requested withdrawal is allowed, print a message to show that the money has been withdrawn, calculate the new balance and return to main menu.*
    - *In 'enter other amount' option, check if the number is a multiple of 10 and allow the withdrawal, print a message to show that the money has been withdrawn, calculate the new balance and return to main menu.*
- *If 'deposit' is entered, provide another menu that will allow the user to enter an amount to deposit , return to main menu or return card. If funds are deposited, provide appropriate feedback and update the balance and return to main menu.*
- *If 'exit' is entered, print a goodbye message and exit (break).*

Python project- optional

- *You are going to use the different Python concepts seen to build a calculator program. Follow the steps below to build your program:*

- *Define the Operations: decide on the operations your calculator will support, such as addition, subtraction, multiplication, and division.*
- *Display Menu: create a function to display a menu of available operations to the user. Prompt the user to choose an operation.*
- *Get Input: depending on the chosen operation, prompt the user to enter the numbers on which the operation will be performed.*
- *Perform Calculation: write functions for each operation (addition, subtraction, multiplication, division) that take the input numbers and return the result.*
- *Display Result: once the calculation is performed, display the result to the user.*
- *Loop and Continue: after displaying the result, ask the user if they want to perform another calculation. If yes, repeat the process. Otherwise, exit the program.*

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