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| Test Number | Purpose of Test | Test Data | Expected Result | Actual Result | Comments | Screenshots |
| 1 | To see if you can enter the amount in pounds sterling. This is normal data. | ‘£500’ | Allows the user to choose their currency. | The program stores the amount in pounds and carries on to the next output. | This needs to be fixed. |  |
| 2 | To see if the system outputs an error when extreme data is entered. | ‘or4ng3’ | The system outputs an error. | The program indeed shows up an error when extreme data is entered. |  |  |
| 3 | To see if the system allows the user to choose the currency requested by the customer. This is normal data. | ‘1’ | It should have a poll option where you can enter a number and it’d proceed to convert the amount entered to American Dollars. | The program does allow you to choose the currency as it then proceeds to ask for the money needed to be converted. |  |  |
| 4 | To see if the system converts the amount entered in GBP in chosen currency. | ‘£500’ | It should convert the given amount to American Dollars. | The program accurately converts the given amount to American dollars. |  |  |
| 5 | To see if the program accepts a number in words when it says to choose a currency. This is abnormal data. | ‘one’ | Doesn’t accept numbers in words which means it would show up with an error. | The program doesn’t accept numbers in words. |  |  |
| 6 | To see if the system calculates a transaction fee depending on the input. | ‘£500’ | The system should calculate an accurate transaction fee. | The program calculates an accurate transaction fee. |  |  |
| 7 | To see if the system calculates the total cost including transaction fee. | ‘£500’ | The system should output the amount to convert, transaction fee and total cost. | The program calculates the total cost. |  |  |
| 8 | To see if the program applies a discount to the total cost if the customer is also a member of staff. | ‘£500’ | Should take away 5% of the total cost. | The program takes away 5% of the total cost for the member of staff |  |  |
| 9 | To see if the program is the most efficient it could be. | Rereading the code making sure functions are used. | Should be efficient enough as well as functioning well. | The program works efficiently. |  |  |
| 10 | Making sure the PEP8 standards are being followed. | Rereading the code to make sure comments are used. | Should include comments and indentation for professionalism. | The PEP8 standard is being followed but comments will be added soon. |  |  |
| 11 | Making sure the program is user friendly. | Rereading the code and allowing it to be tested by other peers/human resources. | Making sure the users understand what’s happening in every stage. | The program is extremely user friendly with colour coded text. |  |  |
| 12 | Making sure the program works well without any major errors. | Rereading the code and debugging it. | Should work to a high standard and keep running to the end of the program. | The program works well except for the exit error. |  |  |
| 13 | To make sure the currency values in the total cost stage are displayed to two decimal places. This is normal data. | Waiting for the program to display total cost depending on the value of ‘£500’ | The program should display the total cost with two decimal places. | The program does display the values to two decimal places. |  |  |
| 14 | To see if the system outputs how much of the chosen currency the customers receives. | ‘£500’ | The program should display a relevant amount of money in chosen currency calculated accurately. | It outputs it accurately. |  |  |
| 15 | To make sure the system doesn’t accept more that £2,500. | ‘2,501’ | The program should output an error. | The system breaks when it should say an error. | This has been fixed. |  |
| 16 | To test if you can exit the program | ‘e’ | The program should stop working | It didn’t allow you to exit the program even when inputting a capital ‘E’. It kept saying to type in a number. | This need to be fixed in the final version. |  |
| 17 | To test if you can enter extreme data when it asks to convert another transaction. | ‘jdkhkjgsgs’ | The program comes up with an error and tells the user to try again. | The program stopped running and didn’t come up with an error. | This error has been fixed. |  |