**Worksheet 1b: If statements**

1. Match these symbols with their meanings:

|  |  |
| --- | --- |
| **Symbol** | **Meaning** |
| **<** | **Equal to** |
| **>** | **Less than or equal to** |
| **==** | **Greater than** |
| **!=** | **Not equal to** |
| **<=** | **Greater than or equal to** |
| **>=** | **Less than** |

1. Use this pseudocode algorithm to create a working Python program that checks to see if you have saved enough money for the weekend.

Needed 🡨 20  
inPiggyBank 🡨 10.50  
extra 🡨 float(input("How much extra money do you have? "))  
total 🡨 inPiggyBank + extra  
IF total >= needed THEN  
 Print "We have enough :-D"  
ELSE  
 Print "Sorry, we need more :-( "

Remember to watch out for the : symbol on the *if* and *else* lines.

1. Here is the first line of a program. Your job is to finish it off.

choice = input("Choose an (I)nsult or a (C)ompliment: ")

Simple: If the user types an “I” they should get an insult, otherwise they get a compliment

Medium: “I” gives the user an insult, “C” gives a compliment, anything else gives   
an error

Complete: The program should recognise upper case or lower case letters (“I” or “i”)