

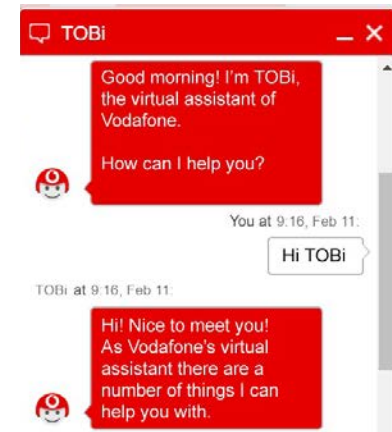


COMPUTING

8.3

Variables	A space inside the computer's memory that stores a single piece of data
Output	This is what is displayed from the algorithm using the word 'print'.
Chatbot	A computer program designed to simulate conversation with human users.
Selection	This is used to let the user select an option within the algorithm. This is normally written with IF, ELIF and ELSE.
Validation	This is where information is checked within an algorithm.
Debugging	This is the act of finding and fixing errors within the code, so it runs smoothly.
Error Trapping	Error trapping is used during a selection in case a user inputs data incorrectly.
Iteration	This is the process of repeating steps - looping a piece of code.

Chatbot Example





COMPUTING

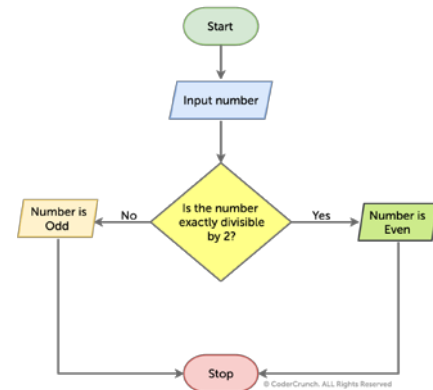
8.3

Selection Statement

```

if Option == "a":
    print("You have selected A. Child Absence")
elif Option == 'b':
    print("You have selected B. Speak to AL")
else:
    print("Try again")
    Option()
    
```

Determine if a number is Even or Odd



Iteration

```

while score < 10:
    print("goal!")
    
```

Variable

```
Name = input()
```

Print Statement

```
print("Hello")
```

Subroutine

```
def ChapterOne():
```