

enter while loop

```
graph TD; A[enter while loop] --> B[check specified condition]; B -- TRUE --> C[code chunk of while statement]; C --> B; B -- FALSE --> D[exit for loop];
```

The flowchart illustrates the execution of a while loop. It begins with a box labeled 'enter while loop', which leads to a box labeled 'check specified condition'. From this condition box, a path labeled 'TRUE' loops back to a box labeled 'code chunk of while statement', which then loops back to the 'check specified condition' box. A path labeled 'FALSE' leads from the 'check specified condition' box to a final box labeled 'exit for loop'.

check specified condition

FALSE

TRUE

code chunk of while statement

exit for loop