

1

**try:**



try to hit the ball

3

**else:**



else it will go in the hands of wicket keeper.

2

**except:**



If didn't hit,  
then you will get  
bowled.

4

**finally:**



Irrespective of  
prior cases, the  
ball will be thrown.

# Try-Except in Python

In Python, to handle errors in a program, we use a try-except statement.

**try block:** The try block is used when the code is needed to check for some errors. If there are no errors in the code then the code under the try block will get executed.

**except block:** Whenever there is some error in the try block preceding the except block, the code under except block executes.

## Syntax

```
try:
    # Some Code to try
except:
    # If an error is present in
    # the code try, then
    # code under except executes.
```

# How does the try-except work

- First, the try block is executed.
- If any exception is not there in the code, then the try block will execute, except the block is finished.
- If an exception occurs then the except block will be executed and the try block is skipped.
- If an exception is still raised and the except block is left unhandled then it is passed to the outer try blocks. If still it is left unhandled then eventually the execution stops.
- A try statement can have more than one except block.

# Else Block

An else block can also be added on the try-except block and it should be present after all the except blocks. If the try block successfully does not raise an exception then the code enters into the else block.

## Syntax

```
try:  
    # Some Code to check for errors  
except:  
    # if an error in the  
    # try block then this block runs  
else:  
    # executes this block if  
    # there is no exception in the try block
```

# Finally Keyword

In Python, we use the final keyword, which is executed always even if the exception is not handled and the try-except block is terminated. It is executed after the try-except block.

## Syntax

```
try:
    # Some Code to check for errors
except:
    # If an error in the
    # try block then execute this block
else:
    # If no exception then execute this
finally:
    # This code always executed after the
    try-except
```





try:

statements  
.....



Try

Run this as a normal  
part of the program

except:

statements  
.....



except

Execute this when  
there is an exception

else:

statements  
.....



else

Execute this only if no  
exception are raised

finally:

statements  
.....



finally

Always execute this