Import BI class

Before anything, you need to import the BI class. This will allow you to create a BI object that will be used to : 1) import data, 2) define the model, 3) fit the model, 4) summarize the results, and 5) plot the results.

Python

```python
from BI import bi
m = bi()
```

R

```r
library(BayesInference)
m=importBI(platform='cpu')
```

Arguments:

- *platform:* (str, optional). The hardware platform to use for computation. Options include:
  - 'cpu': Use CPU(s) for computation
  - 'gpu': Use GPU(s) for computation
  - 'tpu': Use TPU(s) for computation

  Defaults to 'cpu'.
- *cores:* (int, optional). Number of CPU cores to allocate for computation. If None, all available CPU cores will be used. Only applicable when platform is 'cpu'.
- *deallocate:* (bool, optional). Whether to deallocate any existing device before setting up a new configuration. Defaults to False.

Examples

```
setup_device(platform='cpu')

setup_device(platform='gpu') # Only for BayesInference[gpu]

setup_device(platform='cpu', cores=4) # Specifying CPU cores
```