

# Steps to Run a Model/Program

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**NOTE: Please be mindful of how you are using the system. For example, consider running larger jobs in the evening or on weekends.**

## Introduction

[Example Programs](#) lists the different example applications with corresponding commands.

## Copy Examples

Habana provides examples of some well known AI applications under the path: `/lambda_stor/habana/apps/1.5.0/Model-References`, on the Habana compute node **habana1** or **habana2**. Make a copy of this to your home directory:

```
cd ~/
cp -r /lambda_stor/habana/apps/1.5.0/Model-References .
```

## Set PYTHONPATH

Find the Python path using the command:

```
which python3
```

The output will look something like:

```
/usr/bin/python3

# Or inside a virtual environment
/home/CELSGCEUserID/my_env/bin/python3
```

Set PYTHONPATH

```
export PYTHONPATH=/path/to/python3
```

Then

```
export PYTHONPATH=/path/to/Model-References:$PYTHONPATH
```

If **Model-References** is in your root directory, the command would be

```
export PYTHONPATH=~/.Model-References:$PYTHONPATH
```

## Run

This will run the application on a Habana node.

```
cd ~/.Model-References/PyTorch/examples/computer_vision/hello_world  
python mnist.py --hpu
```