Request Body With Path & Query Parameters

We can declare path parameter and request body at same time.

Fast api will recognise that function parameters that match path parameters should be taken from path,

Function parameters that are declared to be pydantic models should be taken from request body.

Example of a function with both path parameter and pydantic model.

```
@app.post('/addproduct/{product_id}')
def addproduct(product:Product,product_id:int):
    product.discounted_price = product.price - (product.price * product.discount /100)
    return {'product_id':product_id, 'product':product}
```

Try it out in the docs.

Submit response body data as well as the product id as well.

Request body with path as well as query parameters

```python
@app.post('/addproduct/{product_id}')
def addproduct(product:Product,product_id:int,category:str):
    product.discounted_price = product.price - (product.price * product.discount /100)
    return {'product_id':product_id, 'product':product,'category':category}
```