

```
import pytest

from swarms_cloud.utils.calculate_pricing import calculate_pricing

from transformers import AutoTokenizer


@pytest.mark.asyncio

async def test_calculate_pricing():

    tokenizer = AutoTokenizer.from_pretrained("gpt2")

    texts = ["This is the first example text.", "This is the second example text."]

    (
        total_tokens,
        cost,
    ) = await calculate_pricing(texts, tokenizer)

    assert total_tokens == 20

    assert cost == 0.00002
```

```
@pytest.mark.asyncio

async def test_calculate_pricing_empty_text():

    tokenizer = AutoTokenizer.from_pretrained("gpt2")

    texts = [""]

    (
        total_tokens,
        cost,
    ) = await calculate_pricing(texts, tokenizer)
```

```
assert total_tokens == 2 # Special tokens
```

```
assert cost == 0.000002
```

```
@pytest.mark.asyncio
```

```
async def test_calculate_pricing_no_text():
```

```
    tokenizer = AutoTokenizer.from_pretrained("gpt2")
```

```
    texts = []
```

```
    (
```

```
        total_tokens,
```

```
        cost,
```

```
) = await calculate_pricing(texts, tokenizer)
```

```
assert total_tokens == 0
```

```
assert cost == 0
```