Code challenge: Farm harvest management

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In this code challenge, we will assist a farmer in calculating the total harvest from two fields (wheat and potatoes) and the overall expenses and profits for this season.

Learning objectives

In this train, we will:

- Understand how to perform basic arithmetic operations in a Jupyter notebook.
- Know how to assign numerical values to variables.
- Know how to use the print() function to display our results.

Instructions

- **This code challenge does not count for marks.**
- Do not add or remove cells in this notebook.
- Answer the questions according to the specifications provided.
- Use the given cell in each question to see if your function matches the expected outputs.

Challenge 1

Calculate the total harvest for the farmer.

```python
In [1]: total_kgs_wheat_harvest = 2050
        total_kgs_potato_harvest = 3600

        total_kgs_harvest = total_kgs_wheat_harvest + total_kgs_potato_harvest
        print("Total harvest in kilograms:", total_kgs_harvest)
```

```
Total harvest in kilograms: 5650
```

Expected outputs:

```
Total harvest in kilograms: 5650
```

Challenge 2

Calculate the total expenses (in dollars) and print the result.

```python
In [2]: seed_expense = 650
        labour_expense = 3070

        total_expenses_dollars = seed_expense + labour_expense
        print("Total expenses in dollars:", total_expenses_dollars)
```

```
Total expenses in dollars: 3720
```

Expected outputs:

```
Total expenses in dollars: 3720
```

Challenge 3

Calculate the total revenue (in dollars) and print the result.

```
In [8]: price_per_kg_wheat = 2
        total_kgs_wheat_harvest = 2050
        price_per_kg_potato = 1.4
        total_kgs_potato_harvest = 3600

        total_revenue_dollars = ((price_per_kg_wheat *
        total_kgs_wheat_harvest) + (price_per_kg_potato *
        total_kgs_potato_harvest))
        print("Total revenue in dollars:", total_revenue_dollars) # add your code here
```

```
Total revenue in dollars: 9140.0
```

Expected outputs:

```
Total revenue in dollars: 9140
```

Challenge 4

Calculate the total profit (in dollars) and print the result.

```
In [9]: total_profit_dollars = total_revenue_dollars - total_expenses_dollars
        print("Total proftotal_profit_dollars) # add your code here
```

Expected outputs:

```
Total profit in dollars: 5420
```

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