```
/Users/rohithkattamuri/PycharmProjects/pythonProject1
/.venv/bin/python /Users/rohithkattamuri/
PycharmProjects/pythonProject1/sample.py
/Users/rohithkattamuri/PycharmProjects/pythonProject1
/.venv/lib/python3.9/site-packages/urllib3/__init__.py
:35: NotOpenSSLWarning: urllib3 v2 only supports
OpenSSL 1.1.1+, currently the 'ssl' module is compiled
 with 'LibreSSL 2.8.3'. See: https://github.com/
urllib3/urllib3/issues/3020
  warnings.warn(
Loading checkpoint shards: 100%|██████████| 3/3 [00:17
<00:00,  5.93s/it]
Some parameters are on the meta device because they
were offloaded to the disk.
MistralForCausalLM(
  (model): MistralModel(
    (embed_tokens): Embedding(32768, 4096)
    (layers): ModuleList(
      (0-31): 32 x MistralDecoderLayer(
        (self_attn): MistralSdpaAttention(
          (q_proj): Linear(in_features=4096,
out_features=4096, bias=False)
          (k_proj): Linear(in_features=4096,
out_features=1024, bias=False)
          (v_proj): Linear(in_features=4096,
out_features=1024, bias=False)
          (o_proj): Linear(in_features=4096,
out_features=4096, bias=False)
          (rotary_emb): MistralRotaryEmbedding()
        )
        (mlp): MistralMLP(
          (gate_proj): Linear(in_features=4096,
out_features=14336, bias=False)
          (up_proj): Linear(in_features=4096,
out_features=14336, bias=False)
          (down_proj): Linear(in_features=14336,
out_features=4096, bias=False)
          (act_fn): SiLU()
        )
        (input_layernorm): MistralRMSNorm((4096,), eps
=1e-05)
```

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        (post_attention_layernorm): MistralRMSNorm((
4096,), eps=1e-05)
      )
    )
    (norm): MistralRMSNorm((4096,), eps=1e-05)
  )
  (lm_head): Linear(in_features=4096, out_features=
32768, bias=False)
) MistralConfig {
  "_attn_implementation_autoset": true,
  "_name_or_path": "mistralai/Mistral-7B-Instruct-v0.3
",
  "architectures": [
    "MistralForCausalLM"
  ],
  "attention_dropout": 0.0,
  "bos_token_id": 1,
  "eos_token_id": 2,
  "head_dim": 128,
  "hidden_act": "silu",
  "hidden_size": 4096,
  "initializer_range": 0.02,
  "intermediate_size": 14336,
  "max_position_embeddings": 32768,
  "model_type": "mistral",
  "num_attention_heads": 32,
  "num_hidden_layers": 32,
  "num_key_value_heads": 8,
  "rms_norm_eps": 1e-05,
  "rope_theta": 1000000.0,
  "sliding_window": null,
  "tie_word_embeddings": false,
  "torch_dtype": "float16",
  "transformers_version": "4.46.3",
  "use_cache": true,
  "vocab_size": 32768
}

7473 1319
[INST] Question: For every 12 cans you recycle, you
receive $0.50, and for every 5 kilograms of newspapers
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, you receive $1.50. If your family collected 144 cans
 and 20 kilograms of newspapers, how much money would
you receive? [\INST] Answer: There are 144/12 = <<144/
12=12>>12 sets of 12 cans that the family collected.
So, the family would receive $0.50 x 12 = $<<0.50*12=6
>>6 for the cans.
There are 20/5 = <<20/5=4>>4 sets of 5 kilograms of
newspapers that the family collected.
So, the family would receive $1.50 x 4 = $<<1.50*4=6>>
6 for the newspapers.
Therefore, the family would receive a total of $6 + $6
 = $<<6+6=12>>12.
#### 12
[INST] Question: Betty picked 16 strawberries. Matthew
 picked 20 more strawberries than Betty and twice as
many as Natalie. They used their strawberries to make
jam. One jar of jam used 7 strawberries and they sold
each jar at $4. How much money were they able to make
from the strawberries they picked? [\INST] Answer:
Matthew picked 16 + 20 = <<16+20=36>>36 strawberries.
Natalie picked 36/2 = <<36/2=18>>18 strawberries.
All together, they have 16 + 36 + 18 = <<16+36+18=70>>
70 strawberries.
They can make 70/7 = <<70/7=10>>10 jars of
strawberries.
They earn 10 x $4 = $<<10*4=40>>40 from the
strawberries they picked.
#### 40
[INST] Question: Jack has a stack of books that is 12
inches thick. He knows from experience that 80 pages
is one inch thick. If he has 6 books, how many pages
is each one on average? [\INST] Answer: There are 960
pages because 80 x 12 = <<80*12=960>>960
Each book is 160 pages because 960 / 6 = <<960/6=160>>
160
#### 160
[INST] Question: James dumps his whole collection of
500 Legos on the floor and starts building a castle
out of them.  He uses half the pieces before finishing
 and is told to put the rest away.  He puts all of the
 leftover pieces back in the box they came from,
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except for 5 missing pieces that he can't find.  How
many Legos are in the box at the end? [\INST] Answer:
James starts with 500 Legos and uses half of them,
leaving 500/2=<<500/2=250>>250 Legos unused.
He puts those unused Legos away but since he's missing
 5 he only puts 250-5=<<250-5=245>>245 Legos away.
#### 245
[INST] Question: Ines had $20 in her purse. She bought
 3 pounds of peaches, which are $2 per pound at the
local farmers' market. How much did she have left? [\
INST] Answer: Ines bought 3 pounds of peaches for 3
peaches * $2/peach = $<<3*2=6>>6.
Ines has $20 - $6 = $<<20-6=14>>14 left.
#### 14
[INST] Question: Aaron pays his actuary membership
fees each year. The membership fee increases yearly by
 $10. If he pays $80 in the first year, how much does
his membership cost, in dollars, in the sixth year? [\
INST] Answer: In year 2 he pays 80+10=$<<80+10=90>>90.
In year 3 he pays 90+10=$<<90+10=100>>100.
In year 4 he pays 100+10=$<<100+10=110>>110.
In year 5 he pays 110+10=$<<110+10=120>>120.
In year 6 he pays 120+10=$<<120+10=130>>130.
#### 130
[INST] Question: Joseph invested $1000 into a hedge
fund. The fund promised a yearly interest rate of 10
%. If he deposited an additional $100 every month into
 the account to add to his initial investment of $1000
, how much money will he have in the fund after two
years? [\INST] Answer: For the first year, Joseph will
 have invested $1000 + ($100 * 12) = $<<1000+100*12=
2200>>2200.
The interest calculated for the first year will be
$2200 * 10% = $<<2200*10*.01=220>>220.
The total value of the investment for the first year
will be $2200 + $220 = $<<2200+220=2420>>2420.
For the second year, the total invested will be $2420
 + ($100 * 12) = $<<2420+100*12=3620>>3620.
The interest calculated after the second year will be
$3620 * 10% = $<<3620*10*.01=362>>362.
Therefore, Joseph's investment in the mutual fund will
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 be worth $3620 + $362 = $<<3620+362=3982>>3982.
#### 3982
[INST] Question: The price of buying a wooden toy at
the new Craftee And Best store is $20, and the cost of
 buying a hat is $10. If Kendra went to the shop with
a $100 bill and bought two wooden toys and three hats
, calculate the change she received. [\INST] Answer:
When Kendra bought 2 toys, she paid 2*$20 = $<<2*20=40
>>40
Since the price of a hat is $10, when Kendra bought 3
hats, she paid 3*$10 = $<<3*10=30>>30
The total costs for the hats and wooden toys Kendra
bought is $40+$30 = $<<40+30=70>>70
From the $100 bill, Kendra received change worth $100-
$70 =$<<100-70=30>>30
#### 30


Process finished with exit code 0
```