```
prod_review = """
Got this panda plush toy for my daughter's birthday, \
who loves it and takes it everywhere. It's soft and \
super cute, and its face has a friendly look. It's \
a bit small for what I paid though. I think there \
might be other options that are bigger for the \
same price. It arrived a day earlier than expected, \
so I got to play with it myself before I gave it \
to her.
"""
```

It looks like you've provided a product review for a panda plush toy. Is there anything specific you would like to discuss or ask about this review?

```
Your task is to generate a short summary of a product \
review from an ecommerce site.

Summarize the review below, delimited by triple
backticks, in at most 30 words.

Review: ```{prod_review}```
```

Review: The panda plush toy is soft, cute, and arrived early, but it's smaller than expected for the price.

```
Your task is to generate a short summary of a product \
review from an ecommerce site to give feedback to the \
Shipping deparmtment.

Summarize the review below, delimited by triple
backticks, in at most 30 words, and focusing on any aspects \
that mention shipping and delivery of the product.

Review: ```{prod_review}```
```

Review: The product arrived a day earlier than expected, which was a pleasant surprise.

```
Your task is to generate a short summary of a product \
review from an ecommerce site to give feedback to the \
pricing deparmtment, responsible for determining the \
price of the product.

Summarize the review below, delimited by triple
backticks, in at most 30 words, and focusing on any aspects \
that are relevant to the price and perceived value.

Review: ```{prod_review}```
```

Review: While the panda plush is soft and cute, it feels a bit small for the price paid. Suggest exploring larger options at a similar price point.

```
Your task is to extract relevant information from \
a product review from an ecommerce site to give \
feedback to the Shipping department.

From the review below, delimited by triple quotes \
extract the information relevant to shipping and \
delivery. Limit to 30 words.

Review: ```{prod_review}```
```

Shipping Feedback: The product arrived a day earlier than expected, providing a pleasant surprise for the customer.

what is the difference between extract and summarize relevant to the product reviews

In the context of product reviews:

1. **Extract Relevant Information**: This typically involves taking specific details or pieces of information from the review and presenting them in a concise form. You're essentially "extracting" or pulling out particular facts or data from the review. For example, in a shipping department context, you might extract information about the delivery date or any shipping-related comments made by the reviewer.
2. **Summarize Relevant Information**: Summarizing involves condensing the key points or highlights of the review into a shorter, more concise version. You're not necessarily quoting the review verbatim, but rather providing a brief summary of the most important aspects. In the context of providing feedback to different departments, summarizing helps convey the main points without the need to read the entire review.

In summary, extraction is about taking specific details, and summarization is about presenting a condensed overview of the review's main points. Both are useful for different purposes, with extraction being more detailed and specific and summarization offering a broader view of the content.

```
review_1 = prod_review

# review for a standing lamp
review_2 = """
Needed a nice lamp for my bedroom, and this one \
had additional storage and not too high of a price \
point. Got it fast - arrived in 2 days. The string \
to the lamp broke during the transit and the company \
happily sent over a new one. Came within a few days \
as well. It was easy to put together. Then I had a \
missing part, so I contacted their support and they \
very quickly got me the missing piece! Seems to me \
to be a great company that cares about their customers \
and products.
"""

# review for an electric toothbrush
review_3 = """
My dental hygienist recommended an electric toothbrush, \
which is why I got this. The battery life seems to be \
pretty impressive so far. After initial charging and \
leaving the charger plugged in for the first week to \
condition the battery, I've unplugged the charger and \
been using it for twice daily brushing for the last \
3 weeks all on the same charge. But the toothbrush head \
is too small. I’ve seen baby toothbrushes bigger than \
this one. I wish the head was bigger with different \
length bristles to get between teeth better because \
this one doesn’t.  Overall if you can get this one \
around the $50 mark, it's a good deal. The manufactuer's \
replacements heads are pretty expensive, but you can \
get generic ones that're more reasonably priced. This \
toothbrush makes me feel like I've been to the dentist \
every day. My teeth feel sparkly clean!
"""

# review for a blender
review_4 = """
So, they still had the 17 piece system on seasonal \
sale for around $49 in the month of November, about \
half off, but for some reason (call it price gouging) \
around the second week of December the prices all went \
up to about anywhere from between $70-$89 for the same \
system. And the 11 piece system went up around $10 or \
so in price also from the earlier sale price of $29. \
So it looks okay, but if you look at the base, the part \
where the blade locks into place doesn’t look as good \
as in previous editions from a few years ago, but I \
plan to be very gentle with it (example, I crush \
very hard items like beans, ice, rice, etc. in the \
blender first then pulverize them in the serving size \
I want in the blender then switch to the whipping \
blade for a finer flour, and use the cross cutting blade \
first when making smoothies, then use the flat blade \
if I need them finer/less pulpy). Special tip when making \
smoothies, finely cut and freeze the fruits and \
vegetables (if using spinach-lightly stew soften the \
spinach then freeze until ready for use-and if making \
sorbet, use a small to medium sized food processor) \
that you plan to use that way you can avoid adding so \
much ice if at all-when making your smoothie. \
After about a year, the motor was making a funny noise. \
I called customer service but the warranty expired \
already, so I had to buy another one. FYI: The overall \
quality has gone done in these types of products, so \
they are kind of counting on brand recognition and \
consumer loyalty to maintain sales. Got it in about \
two days.
```

Sure, let's summarize each of the product reviews:

Review 1 (Panda Plush Toy):
"The panda plush is soft, cute, and arrived early, but it's smaller than expected for the price."

Review 2 (Standing Lamp):
"The lamp arrived quickly in 2 days, had a minor issue during transit, but the company promptly sent a replacement part. Easy to assemble. Positive experience with customer support."

Review 3 (Electric Toothbrush):
"The electric toothbrush has impressive battery life but a small toothbrush head. Good value around $50, but manufacturer's replacement heads are pricey. Leaves teeth feeling clean."

Review 4 (Blender):
"The blender's price fluctuated from sale to non-sale periods. The build quality seems slightly less robust. Tips for blending included. After a year, the motor had issues, and the warranty was expired."

These are concise summaries of the key points from each review.