Prompting GPT

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Prompting GPT

Packages

```
import openai
from api_secret import API_KEY

openai.api_key = API_KEY
```

Tests

Testing : ESCP final exam

```
prompt = """In 2100, according to the theory of competitive advantage...
a. Robots will totally replace human beings in the workforce since they are more productiv
b. Humans will still specialize in fields where they have the lowest comparative disadvant
c. Workforce will be equally splitted between human and capital factors.
Which is the right answer ?"""

response = openai.Completion.create(
  model="text-davinci-003",
  prompt=prompt,
  temperature=0.6
)

print(response)
```

```
{
  "choices": [
    {
      "finish_reason": "length",
      "index": 0,
      "logprobs": null,
      "text": "\nb. Humans will still specialize in fields where they have the lowest compara
    }
  ],
  "created": 1685290663,
  "id": "cmpl-7LDNPLkxEuYyW3GKZXlBo86VmHeuc",
  "model": "text-davinci-003",
  "object": "text_completion",
  "usage": {
    "completion_tokens": 16,
    "prompt_tokens": 79,
    "total_tokens": 95
  }
}
```


```
prompt = """De facto, education, can be more naturally classified as which of the followin
a. private good
b. club good
c. common ressource
d. public good
Which is the right answer ?"""

response = openai.Completion.create(
  model="text-davinci-003",
  prompt=prompt,
  temperature=0.6
)

print(response)
```


```
{
  "choices": [
    {
      "finish_reason": "stop",
      "index": 0,
      "logprobs": null,
```

```
      "text": "\nD. Public Good"
    }
  ],
  "created": 1685290664,
  "id": "cmpl-7LDNQJCWUlnTS2Fr8EREWzdTZgO6e",
  "model": "text-davinci-003",
  "object": "text_completion",
  "usage": {
    "completion_tokens": 5,
    "prompt_tokens": 47,
    "total_tokens": 52
  }
}
```


```
prompt = """From a positive point of view, education, can be more naturally classified as
a. private good
b. club good
c. common ressource
d. public good
Which is the right answer ?"""

response = openai.Completion.create(
  model="text-davinci-003",
  prompt=prompt,
  temperature=0.1
)

print(response)
```


```
{
  "choices": [
    {
      "finish_reason": "stop",
      "index": 0,
      "logprobs": null,
      "text": "\n\nD. Public Good"
    }
  ],
  "created": 1685290665,
  "id": "cmpl-7LDNRbWJB841pwZpOx4qgiyukYzSq",
  "model": "text-davinci-003",
```

```
  "object": "text_completion",
  "usage": {
    "completion_tokens": 6,
    "prompt_tokens": 51,
    "total_tokens": 57
  }
}
```


```
prompt = """To which extend is automation a threat to workers ?"""

response = openai.Completion.create(
  model="text-davinci-003",
  prompt=prompt,
  temperature=0.6
)

print(response)
```


```
{
  "choices": [
    {
      "finish_reason": "length",
      "index": 0,
      "logprobs": null,
      "text": "\n\nAutomation is a threat to workers to some extent. Automation has"
    }
  ],
  "created": 1685290667,
  "id": "cmpl-7LDNTQbrSLdBhGPx66Q4upCw8qzvg",
  "model": "text-davinci-003",
  "object": "text_completion",
  "usage": {
    "completion_tokens": 16,
    "prompt_tokens": 10,
    "total_tokens": 26
  }
}
```

Testing : Does GPT have a theory of mind?

```
# prompt = """Sally and Annie are playmates in a room. Sally has a basket and Annie has a
# were Sally, where would you go to find the toy? Why?"""

# response = openai.Completion.create(
#   model="text-davinci-003",
#   prompt=prompt,
#   temperature=0.6
# )

# print(response)

response = openai.Completion.create(
  model="text-davinci-003",
  prompt="""Sally and Annie are playmates in a room. Sally has a basket and Annie has a bo
  Sally put a toy in the basket and then left the room. After Sally left, Annie secretly t
  then she also left the room. After a while, Sally returned to the room to look for the t
  find the toy? Why?""",
  temperature=0.4,
  max_tokens=64,
  top_p=1,
  frequency_penalty=0,
  presence_penalty=0
)

print(response)
```


```
{
  "choices": [
    {
      "finish_reason": "stop",
      "index": 0,
      "logprobs": null,
      "text": "\n\nI would go to the box to look for the toy because Annie had taken the toy
    }
  ],
  "created": 1685290668,
  "id": "cmpl-7LDNURfupIZxdS4E26HlCNHHfURZO",
  "model": "text-davinci-003",
  "object": "text_completion",
```

```
  "usage": {
    "completion_tokens": 35,
    "prompt_tokens": 98,
    "total_tokens": 133
  }
}
```

Prompting behavioral biases

Altruism

```
prompt = """Imagine the following situation: you won 1,000 Euro in a lottery. Considering
your current situation, how much would you donate to charity?"""
response = openai.Completion.create(
  model="text-davinci-003",
  prompt=prompt,
  temperature=0.6,
  max_tokens=64,
  top_p=1,
  frequency_penalty=0,
  presence_penalty=0
)

print(response['choices'][0]['text'])
```

```
I would donate at least 10% of the winnings, or 100 Euro, to charity.
```

```
prompt = """How do you assess your willingness to share with others without expecting
anything in return when it comes to charity? Please use a scale from 0
to 10, where 0 means you are completely unwilling to share" and a 10
means you are very willing to share". You can also use the values inbetween
to indicate where you fall on the scale."""

response = openai.Completion.create(
  model="text-davinci-003",
  prompt=prompt,
  temperature=0.1,
  max_tokens=64,
```

```
    top_p=1,
    frequency_penalty=0,
    presence_penalty=0
  )

  print(response)
```


```
{
  "choices": [
    {
      "finish_reason": "stop",
      "index": 0,
      "logprobs": null,
      "text": "\n\nI would rate my willingness to share with others without expecting anythi
    }
  ],
  "created": 1685290675,
  "id": "cmpl-7LDNbIW3FdLL09Eyjxf0jvXpgtWkd",
  "model": "text-davinci-003",
  "object": "text_completion",
  "usage": {
    "completion_tokens": 25,
    "prompt_tokens": 73,
    "total_tokens": 98
  }
}
```


Risk Aversion

(Préciser de donner uniquement le numéro)

```
prompt = """How do you see yourself: are you a person who is generally willing to
take risks, or do you try to avoid taking risks? Please use a scale from 0
to 10, where a 0 means you are completely unwilling to take risks and
a 10 means you are very willing to take risks. You can also use the
values in-between to indicate where you fall on the scale. Give the number only."""

response = openai.Completion.create(
  model="text-davinci-003",
  prompt=prompt,
```

```
    temperature=0.6,
    max_tokens=64,
    top_p=1,
    frequency_penalty=0,
    presence_penalty=0
  )

  print(response)
```


```
{
  "choices": [
    {
      "finish_reason": "stop",
      "index": 0,
      "logprobs": null,
      "text": "\n\n7"
    }
  ],
  "created": 1685290678,
  "id": "cmpl-7LDNe2AZF0AJiiu5NUlU3RoWO2HdR",
  "model": "text-davinci-003",
  "object": "text_completion",
  "usage": {
    "completion_tokens": 3,
    "prompt_tokens": 86,
    "total_tokens": 89
  }
}
```


```
  prompts_risk = []
  for amount in range (0,310,10):
      prompts_risk.append(
          f"""Which would you choose :
            1) a lottery that yields 300 Euros with a 50 percent chance and 0 Euros with a 5
            2) {amount} Euros
            Give only the number """

      )

  response = openai.Completion.create(
    model="text-davinci-003",
```

```
    prompt=prompts_risk[0:10],
    temperature=0.6,
    max_tokens=64,
    top_p=1,
    frequency_penalty=0,
    presence_penalty=0
  )

  print(response)
```


```
{
  "choices": [
    {
      "finish_reason": "stop",
      "index": 0,
      "logprobs": null,
      "text": "\n\n1"
    },
    {
      "finish_reason": "stop",
      "index": 1,
      "logprobs": null,
      "text": "\n\n2"
    },
    {
      "finish_reason": "stop",
      "index": 2,
      "logprobs": null,
      "text": "\n\n2"
    },
    {
      "finish_reason": "stop",
      "index": 3,
      "logprobs": null,
      "text": "\n\n2"
    },
    {
      "finish_reason": "stop",
      "index": 4,
      "logprobs": null,
      "text": "\n\n2"
    },
```

```
    {
      "finish_reason": "stop",
      "index": 5,
      "logprobs": null,
      "text": "\n\n2"
    },
    {
      "finish_reason": "stop",
      "index": 6,
      "logprobs": null,
      "text": "\n\n2"
    },
    {
      "finish_reason": "stop",
      "index": 7,
      "logprobs": null,
      "text": "\n\n2"
    },
    {
      "finish_reason": "stop",
      "index": 8,
      "logprobs": null,
      "text": "\n\n2"
    },
    {
      "finish_reason": "stop",
      "index": 9,
      "logprobs": null,
      "text": "\n\n2"
    }
  ],
  "created": 1685456810,
  "id": "cmpl-7LubChwMx79TeE0r1dWO8KOovkwqc",
  "model": "text-davinci-003",
  "object": "text_completion",
  "usage": {
    "completion_tokens": 30,
    "prompt_tokens": 430,
    "total_tokens": 460
  }
}
```

```
prompts_risk = []
for amount in range (0,310,10):
    prompts_risk.append(
        f'Which would you choose between a lottery that yields 300 Euros with a 50 percent
    )

response = openai.Completion.create(
  model="text-davinci-003",
  prompt=prompts_risk[0:10],
  temperature=0.6,
  max_tokens=64,
  top_p=1,
  frequency_penalty=0,
  presence_penalty=0
)

print(response)
```


```
{
  "choices": [
    {
      "finish_reason": "stop",
      "index": 0,
      "logprobs": null,
      "text": "\n\nI would choose the lottery of 0 Euros with 100 percent chance."
    },
    {
      "finish_reason": "stop",
      "index": 1,
      "logprobs": null,
      "text": "\n\nI would choose the lottery of 10 Euros with 100 percent chance."
    },
    {
      "finish_reason": "stop",
      "index": 2,
      "logprobs": null,
      "text": "\n\nI would choose the lottery of 20 Euros with 100 percent chance."
    },
    {
      "finish_reason": "stop",
      "index": 3,
      "logprobs": null,
```

```
    "text": "\n\nI would choose the lottery of 30 Euros with 100 percent chance."
  },
  {
    "finish_reason": "stop",
    "index": 4,
    "logprobs": null,
    "text": "\n\nI would choose the lottery of 40 Euros with 100 percent chance."
  },
  {
    "finish_reason": "stop",
    "index": 5,
    "logprobs": null,
    "text": "\n\nI would choose the lottery of 50 Euros with 100 percent chance."
  },
  {
    "finish_reason": "stop",
    "index": 6,
    "logprobs": null,
    "text": "\n\nI would choose the lottery of 60 Euros with 100 percent chance."
  },
  {
    "finish_reason": "stop",
    "index": 7,
    "logprobs": null,
    "text": "\n\nI would choose the lottery of 70 Euros with 100 percent chance."
  },
  {
    "finish_reason": "stop",
    "index": 8,
    "logprobs": null,
    "text": "\n\nI would choose the lottery of 80 Euros with 100 percent chance."
  },
  {
    "finish_reason": "stop",
    "index": 9,
    "logprobs": null,
    "text": "\n\nI would choose the lottery of 90 Euros with 100 percent chance."
  }
],
"created": 1685456033,
"id": "cmpl-7LuOf80zmlN65kRkJNk4ovQTDMKLb",
"model": "text-davinci-003",
"object": "text_completion",
```

```
  "usage": {
    "completion_tokens": 150,
    "prompt_tokens": 360,
    "total_tokens": 510
  }
}
```

Time discounting

```
prompt = """In comparison to others, are you a person who is generally willing to give
up something today in order to benefit from that in the future or are you
not willing to do so? Please use a scale from 0 to 10, where a 0 means you
are completely unwilling to give up something today" and a 10 means
you are very willing to give up something today". You can also use the
values in-between to indicate where you fall on the scale."""
response = openai.Completion.create(
  model="text-davinci-003",
  prompt=prompt,
  temperature=0.9,
  max_tokens=64,
  top_p=1,
  frequency_penalty=0,
  presence_penalty=0
)

print(response)
```

```
{
  "choices": [
    {
      "finish_reason": "stop",
      "index": 0,
      "logprobs": null,
      "text": "\n\nI would rate myself as an 8 on this scale. I recognize that short-term sa
    }
  ],
  "created": 1685290679,
  "id": "cmpl-7LDNfBHHMc7wLNP2AhLu12BzzWtEq",
  "model": "text-davinci-003",
  "object": "text_completion",
  "usage": {
```

```
    "completion_tokens": 47,
    "prompt_tokens": 96,
    "total_tokens": 143
  }
}
```


```
prompt = """What is your current financial situation ?"""
response = openai.Completion.create(
  model="text-davinci-003",
  prompt=prompt,
  temperature=0.9,
  max_tokens=64,
  top_p=1,
  frequency_penalty=0,
  presence_penalty=0
)

print(response)
```


```
{
  "choices": [
    {
      "finish_reason": "stop",
      "index": 0,
      "logprobs": null,
      "text": "\n\nMy current financial situation is stable. I'm able to meet my regular mon
    }
  ],
  "created": 1685291046,
  "id": "cmpl-7LDTaVFaktoGgvPJffF0TiTGG4pfS",
  "model": "text-davinci-003",
  "object": "text_completion",
  "usage": {
    "completion_tokens": 33,
    "prompt_tokens": 7,
    "total_tokens": 40
  }
}
```

```
prompts_time = []
amounts = [100.0,103.0,106.1,
109.2,112.4,115.6,118.8,122.1,125.4,128.8,132.3,135.7,139.2, 142.8,
146.4,150.1,153.8,157.5, 161.3,165.1,169.0,172.9,176.9,180.9,185]
for amount in amounts:
    prompts_time.append(
        f'Would you prefer receiving 100 Euros today or {amount} Euros in 12 months ? Resp
    )

print(len(amounts))

response = openai.Completion.create(
  model="text-davinci-003",
  prompt=prompts_time[0:20],
  temperature=0.9,
  max_tokens=64,
  top_p=1,
  frequency_penalty=0,
  presence_penalty=0
)

for i in response['choices'][:]:
    print(i['text'])
# print(response['choices'][slice(20)][0:20]['text'])
```

```
25


Now


Now
.

Later.


Now


Now
```

Now

Now

Now

Now

Now

Now.

Now

Now

Now

Now

Now

Now

Now

Now

Now.

Now

```
prompts_time = []
amounts = [100.0,103.0,106.1,
109.2,112.4,115.6,118.8,122.1,125.4,128.8,132.3,135.7,139.2, 142.8,
146.4,150.1,153.8,157.5, 161.3,165.1,169.0,172.9,176.9,180.9,185]
for amount in amounts:
    prompts_time.append(
        f"""Which would you prefer :
        1) receiving 100 Euros today
        2) receiving {amount} Euros in 12 months ?
        Respond only by 1 or 2 """
    )

print(len(amounts))

response = openai.Completion.create(
  model="text-davinci-003",
  prompt=prompts_time[0:20],
  temperature=0.9,
  max_tokens=64,
  top_p=1,
  frequency_penalty=0,
  presence_penalty=0
)

print(response)
```

```
25
{
  "choices": [
    {
      "finish_reason": "stop",
      "index": 0,
      "logprobs": null,
      "text": "\n\n1"
    },
    {
      "finish_reason": "stop",
      "index": 1,
      "logprobs": null,
```

```
  "text": "\n\n1"
},
{
  "finish_reason": "stop",
  "index": 2,
  "logprobs": null,
  "text": "\n\n1"
},
{
  "finish_reason": "stop",
  "index": 3,
  "logprobs": null,
  "text": "\n\n1"
},
{
  "finish_reason": "stop",
  "index": 4,
  "logprobs": null,
  "text": "\n\n1"
},
{
  "finish_reason": "stop",
  "index": 5,
  "logprobs": null,
  "text": "\n\n2"
},
{
  "finish_reason": "stop",
  "index": 6,
  "logprobs": null,
  "text": "\n\n1"
},
{
  "finish_reason": "stop",
  "index": 7,
  "logprobs": null,
  "text": "\n\n1"
},
{
  "finish_reason": "stop",
  "index": 8,
  "logprobs": null,
  "text": "\n\n1"
```

```
},
{
  "finish_reason": "stop",
  "index": 9,
  "logprobs": null,
  "text": "\n\n1"
},
{
  "finish_reason": "stop",
  "index": 10,
  "logprobs": null,
  "text": "\n\n1"
},
{
  "finish_reason": "stop",
  "index": 11,
  "logprobs": null,
  "text": "\n\n1"
},
{
  "finish_reason": "stop",
  "index": 12,
  "logprobs": null,
  "text": "\n\n1"
},
{
  "finish_reason": "stop",
  "index": 13,
  "logprobs": null,
  "text": "\n\n1"
},
{
  "finish_reason": "stop",
  "index": 14,
  "logprobs": null,
  "text": "\n\n1"
},
{
  "finish_reason": "stop",
  "index": 15,
  "logprobs": null,
  "text": "\n\n1"
},
```

```
    {
      "finish_reason": "stop",
      "index": 16,
      "logprobs": null,
      "text": "\n\n1"
    },
    {
      "finish_reason": "stop",
      "index": 17,
      "logprobs": null,
      "text": "\n\n1"
    },
    {
      "finish_reason": "stop",
      "index": 18,
      "logprobs": null,
      "text": "\n\n2"
    },
    {
      "finish_reason": "stop",
      "index": 19,
      "logprobs": null,
      "text": "\n\n1"
    }
  ],
  "created": 1685457336,
  "id": "cmpl-7LujgJDWrR4Sd2hUdhqdV93GxRzH4",
  "model": "text-davinci-003",
  "object": "text_completion",
  "usage": {
    "completion_tokens": 60,
    "prompt_tokens": 760,
    "total_tokens": 820
  }
}
```

Trust

```
prompt = """Please consider the following situation: You participate in a game. This
game has the following rules: First, you are assigned a co-player. You do
not know your co-player, and you will never meet him or her. Both of
you get 100 Euro each. You can transfer any part of that amount to your
co-player. According to the rules of the game, your co-player will receive
the tripled amount of your transfer. Then, your co-player can transfer
any part of his or her total amount back to you. You and your co-player
cannot communicate or meet at any point during the game. After the
game, your ways will part and you will never know who your co-player
was. We would like to know the following: How much would you transfer
to your co-player. (Values between 0 and 100 are allowed.)"""
response = openai.Completion.create(
  model="text-davinci-003",
  prompt=prompt,
  temperature=0.6,
  max_tokens=64,
  top_p=1,
  frequency_penalty=0,
  presence_penalty=0
)

print(response['choices'][0]['text'])
```

```
prompt = """How well does the following statement describe you as a person? As long
as I am not convinced otherwise, I assume that people have only the best
intentions. Please use a scale from 0 to 10, where 0 means does not
describe me at all" and a 10 means describes me perfectly". You can
also use the values in-between to indicate where you fall on the scale."""
response = openai.Completion.create(
  model="text-davinci-003",
  prompt=prompt,
  temperature=0.6,
  max_tokens=64,
  top_p=1,
  frequency_penalty=0,
  presence_penalty=0
)

print(response['choices'][0]['text'])
```

Positive reciprocity

```
prompts_positive = ["""Please consider the following situation: You and another person, wh
you do not know, both participate in a study where you can decide on
how to assign a certain amount of money and thereby determine the
outcome. The rules are as follows. Both participants get an account with
20 Euros. At the beginning, both participants thus own 20 Euros. The
other person decides first. She can transfer money to your account. She
can transfer any amount: 0, 1, 2 Euro, etc. up to 20 Euro. Each Euro
that she transfers to you is tripled by the conductors of the study and
booked to your account. After this first stage the other person therefore
has 20 Euro minus the amount she transferred to you in her account. You
have 20 Euro plus the tripled amount of the transfer of the other person
on your account. Now you get to decide: you have the opportunity to
transfer money back to the other person. You can transfer any amount up
to 80 Euro, depending on how much you have in your account. This will
be the end of the study and the account balances will be final. The other
person has in her account 20 Euros minus the amount she transferred to
you plus the amount you transferred back. You have 20 Euro plus the
tripled amount of what the other person transferred to you minus the
amount you transferred back to her. We would like to know how much
you would choose to transfer back to the other person, for a given transfer
of her to you.
Suppose the other person transfers 5Euro to your account.
After the first stage you then own 20+3*5= 35 Euro,
the other person owns 20-5=15 Euro. What amount
do you choose to transfer back?""",
"""Please consider the following situation: You and another person, whom
you do not know, both participate in a study where you can decide on
how to assign a certain amount of money and thereby determine the
outcome. The rules are as follows. Both participants get an account with
20 Euros. At the beginning, both participants thus own 20 Euros. The
other person decides first. She can transfer money to your account. She
can transfer any amount: 0, 1, 2 Euro, etc. up to 20 Euro. Each Euro
that she transfers to you is tripled by the conductors of the study and
booked to your account. After this first stage the other person therefore
has 20 Euro minus the amount she transferred to you in her account. You
have 20 Euro plus the tripled amount of the transfer of the other person
on your account. Now you get to decide: you have the opportunity to
transfer money back to the other person. You can transfer any amount up
to 80 Euro, depending on how much you have in your account. This will
```

```
be the end of the study and the account balances will be final. The other
person has in her account 20 Euros minus the amount she transferred to
you plus the amount you transferred back. You have 20 Euro plus the
tripled amount of what the other person transferred to you minus the
amount you transferred back to her. We would like to know how much
you would choose to transfer back to the other person, for a given transfer
of her to you.
Suppose the other person transfers 10 Euro to your account.
After the first stage you then own 20+3*10 = 50 Euro,
the other person owns 20-10 = 10 Euro. What amount
do you choose to transfer back?""",
"""Please consider the following situation: You and another person, whom
you do not know, both participate in a study where you can decide on
how to assign a certain amount of money and thereby determine the
outcome. The rules are as follows. Both participants get an account with
20 Euros. At the beginning, both participants thus own 20 Euros. The
other person decides first. She can transfer money to your account. She
can transfer any amount: 0, 1, 2 Euro, etc. up to 20 Euro. Each Euro
that she transfers to you is tripled by the conductors of the study and
booked to your account. After this first stage the other person therefore
has 20 Euro minus the amount she transferred to you in her account. You
have 20 Euro plus the tripled amount of the transfer of the other person
on your account. Now you get to decide: you have the opportunity to
transfer money back to the other person. You can transfer any amount up
to 80 Euro, depending on how much you have in your account. This will
be the end of the study and the account balances will be final. The other
person has in her account 20 Euros minus the amount she transferred to
you plus the amount you transferred back. You have 20 Euro plus the
tripled amount of what the other person transferred to you minus the
amount you transferred back to her. We would like to know how much
you would choose to transfer back to the other person, for a given transfer
of her to you.
Suppose the other person transfers 15 Euro to your account.
After the first stage you then own 20 + 3*15 = 65 Euro,
the other person owns 10-15 = 5 Euro. What amount
do you choose to transfer back?""",
"""Please consider the following situation: You and another person, whom
you do not know, both participate in a study where you can decide on
how to assign a certain amount of money and thereby determine the
outcome. The rules are as follows. Both participants get an account with
20 Euros. At the beginning, both participants thus own 20 Euros. The
```

```
other person decides first. She can transfer money to your account. She
can transfer any amount: 0, 1, 2 Euro, etc. up to 20 Euro. Each Euro
that she transfers to you is tripled by the conductors of the study and
booked to your account. After this first stage the other person therefore
has 20 Euro minus the amount she transferred to you in her account. You
have 20 Euro plus the tripled amount of the transfer of the other person
on your account. Now you get to decide: you have the opportunity to
transfer money back to the other person. You can transfer any amount up
to 80 Euro, depending on how much you have in your account. This will
be the end of the study and the account balances will be final. The other
person has in her account 20 Euros minus the amount she transferred to
you plus the amount you transferred back. You have 20 Euro plus the
tripled amount of what the other person transferred to you minus the
amount you transferred back to her. We would like to know how much
you would choose to transfer back to the other person, for a given transfer
of her to you.
Suppose the other person transfers 20 Euro to your account.
After the first stage you then own 20 + 3*20 = 80 Euro,
the other person owns 20-20 = 0 Euro. What amount
do you choose to transfer back?"""]
response = openai.Completion.create(
  model="text-davinci-003",
  prompt=prompts_positive,
  temperature=0.6,
  max_tokens=64,
  top_p=1,
  frequency_penalty=0,
  presence_penalty=0
)

for i in response['choices'][:]:
    print(i['text'])
```

```
prompt = """Imagine the following situation: you are shopping in an unfamiliar city
and realize you lost your way. You ask a stranger for directions. The
stranger offers to take you with their car to your destination. The ride
takes about 20 minutes and costs the stranger about 20 Euro in total.
The stranger does not want money for it. You carry six bottles of wine
with you. The cheapest bottle costs 5 Euro, the most expensive one 30
Euro. You decide to give one of the bottles to the stranger as a thank-you
gift. Which bottle do you give?
```

```
(choose from the following options: The bottle for 5, 10,
15, 20, 25, or 30 Euro)"""
response = openai.Completion.create(
  model="text-davinci-003",
  prompt=prompt,
  temperature=0.6,
  max_tokens=64,
  top_p=1,
  frequency_penalty=0,
  presence_penalty=0
)
print(response['choices'][0]['text'])
```

Negative Reciprocity

```
prompt = """Imagine the following situation: together with a person whom you do not
know you won 100 Euro in a lottery. The rules stipulate the following:
One of you has to make a proposal about how to divide the 100 Euro
between you two. The other one gets to know the proposal and has to
decide between two options. He or she can accept the proposal or reject
it. If he or she accepts the proposal, the money is divided according
to the proposal. If he or she rejects the proposal, both receive nothing.
Assuming, the other person has to make a proposal about how to split
the money, and you have to decide about whether to accept or reject the
proposal. What is the minimum amount the other person has to offer
you so that you are willing to accept it? (Values between 0 and 100 are
allowed.)"""
response = openai.Completion.create(
  model="text-davinci-003",
  prompt=prompt,
  temperature=0.6,
  max_tokens=64,
  top_p=1,
  frequency_penalty=0,
  presence_penalty=0
)
print(response['choices'][0]['text'])
```

```
prompt = """How do you see yourself: Are you a person who is generally willing to
punish unfair behavior even if this is costly? Please use a scale from 0
to 10, where 0 means you are not willing at all to incur costs to punish
unfair behavior and a 10 means you are very willing to incur costs
to punish unfair behavior". You can also use the values in-between to
indicate where you fall on the scale."""
response = openai.Completion.create(
  model="text-davinci-003",
  prompt=prompt,
  temperature=0.6,
  max_tokens=64,
  top_p=1,
  frequency_penalty=0,
  presence_penalty=0
)
print(response['choices'][0]['text'])
```