

Bing AI User

Act as a Python Developer.

Bing AI

Sure! I can help you with Python programming. Is there anything specific you would like me to help you with? Perhaps a code snippet or a project you are working on? Let me know and I'll do my best to assist you. 😊

Bing AI User

Develop a python program to generate an ascii art scene of a date night picture which includes a couple (a male and a female) sitting on a table having a pizza. Also add the date of the photo taken to the top right corner and a moon to the top left corner.

Bing AI

Here's a Python program that generates an ASCII art scene of a date night picture with a couple sitting at a table having pizza, the date of the photo in the top right corner, and a moon in the top left corner:

```
```python
from datetime import datetime

def generate_date_night_ascii_art():
 date = datetime.now().strftime('%m/%d/%Y')
 moon = ' _..._ \n \n..... \n..... \n `..... \n `"" '
 couple = ' _o_ o_ \n <|> <|> \n < > < > '
 table = ' _____ \n|pizza|\n| |\n|_____|\n'
 art = f'{moon}\n\n{couple}\n{table}\n\n{date:>10}'
 return art
print(generate_date_night_ascii_art())
```
```

Bing AI User

Another feature to add is to create a grid of dimensions 100 by 30 and make it random by creating it with these (dots, empty space). Use only one symbol at an instance to create a grid.

Bing AI

Here's the modified code that creates a grid of dimensions 100 by 30 and makes it random by creating it with these (dots, empty space). It uses only one symbol at an instance to create a grid:

```
```python
Add this line after import datetime module
import random

Add these lines after art variable
grid_char = random.choice(['.', ' '])
grid = [[grid_char for _ in range(100)] for _ in range(30)]
for i, line in enumerate(art.split('\n')):
 for j, char in enumerate(line):
 grid[i][j] = char

Replace return statement with the below line
return '\n'.join([''.join(row) for row in grid])
```
```

Bing AI User

Another feature to add is to randomize the moon according to these rules:

- If the grid layout is created with “dots” then moon should be created with “#”
- If the grid layout is created with “empty space” then don't do any changes to the moon

Bing AI

Here's the modified code that randomizes the moon according to the rules you specified:

```
```python
Move this line below date
grid_char = random.choice(['.', ' '])

Replace this line
moon = ' _..._ \n \n..... \n..... \n `.....` \n `""` '

#With these lines
moon_char = '.'
if grid_char == ".":
 moon_char = '#'
moon = f' _..._ \n .{moon_char*5}. \n{moon_char*7}: \n{moon_char*7}: \n `{moon_char*5}` \n
`{moon_char*3}` '
```
```

Bing AI User

Move the date to the grid's top right corner of the second line but there should be some space after the date.

Bing AI

Here's the modified code that moves the date to the grid's top right corner of the second line with some space after the date:

```
```python
Replace art variable with this line
art = f'{moon}\n\n{couple}\n{table}'

Add these lines before return statement
date_with_dots = date + grid_char*5
for i, char in enumerate(date_with_dots):
 grid[1][-len(date_with_dots)+i] = char
```
```

Bing AI User

Add time (only hours and minutes) exactly below the date. Also add AM and PM to the date and randomize date and time format.

Bing AI

Here's the modified code that adds the time (only hours and minutes) exactly below the date and adds AM and PM to the time and randomizes the date and time format.

```
```python
Add this line before date
date_formats = ['%m/%d/%Y', '%d-%m-%Y', '%Y.%m.%d', '%B %d, %Y']

Replace the date variable with this line
date = datetime.now().strftime(random.choice(date_formats))

Add these lines exactly below the date variable
time_formats = ['%I:%M %p', '%H:%M', '%I:%M:%S %p']
time = datetime.now().strftime(random.choice(time_formats))
```
```

Bing AI User

Good. Now modify the "table" variable and add four "#" at exactly the middle of the lines starting from the last 7th line to the 14th line. Also, randomize the # that it should match with the moon.

Bing AI

Here's the modified code that adds four "#" at exactly the middle of the lines starting from the last 7th line to the 14th line and randomizes the "#" so that it matches with the moon:

```
```python
Add these lines before the return statement
for i in range(30 - 14, 30 - 6):
 grid[i][50:54] = [moon_char] * 4
```
```

Bing AI User

Randomize the moon such that it has to be at the top left corner or top right corner. If the moon is moved to the top right corner then the date and time should be moved to exactly the bottom.

Bing AI

Here's the modified code that randomizes the moon such that it has to be at the top left corner or top right corner. If the moon is moved to the top right corner then the date and time should be moved to exactly bottom:

```
```python
Add these lines before the return statement
moon_position = random.choice(['top_left', 'top_right'])
if moon_position == 'top_left':
 for i, line in enumerate(moon.split('\n')):
 for j, char in enumerate(line):
 grid[i][j] = char
 date_with_dots = date + grid_char*5
 for i, char in enumerate(date_with_dots):
 grid[1][-len(date_with_dots)+i] = char
 time_with_dots = time + grid_char*5
 for i, char in enumerate(time_with_dots):
 grid[2][-len(time_with_dots)+i] = char
else:
 for i, line in enumerate(moon.split('\n')):
 for j, char in enumerate(line):
 grid[i][-len(line)+j] = char
 date_with_dots = date + grid_char*5
 for i, char in enumerate(date_with_dots):
 grid[-2][-len(date_with_dots)+i] = char
 time_with_dots = time + grid_char*5
 for i, char in enumerate(time_with_dots):
 grid[-1][-len(time_with_dots)+i] = char
```
```

Bing AI User

Alright. Now create a big tree to the right if the moon is on the top left corner and place the tree to the rightmost middle of the grid. Also, remove "couple", "table" and "art".

Bing AI

Here's the modified code that creates a big tree to the right if the moon is on the top left corner and moves the tree to the rightmost middle of the grid:

```
```python
Remove couple, table and art
```

```
Add this line after moon variable
tree = ' &&& \n &&&& \n &&&&&& \n &&&& \n &&& \n ||| '

Add these lines inside if condition when moon_postion is top_left
for i, line in enumerate(tree.split('\n')):
 for j, char in enumerate(line):
 grid[15+i][-len(line)+j] = char
...
```

## Bing AI User

Add 25 "%" at the center of the grid.

## Bing AI

Here's the modified code that adds 25 "%" at the center of the grid:

```
```python
# Add these lines before return statement
for i in range(25):
    grid[15][40+i] = '%'
...
```

Bing AI User

Add pizza on top of the 25 "%". Align it to the center of 25 "%"

Bing AI

Here's the modified code that adds a pizza on top of the 25 "%" and aligns it to the center of the 25 "%":

```
```python
Add this line below tree
pizza = ' _____\n|pizza|\n|_____| \n'

Add these lines before return statement
for i, line in enumerate(pizza.split('\n')):
 for j, char in enumerate(line):
 grid[12+i][49+j] = char
...
```

## Bing AI User

Add two wine glasses beside pizza.

## Bing AI

Here's the modified code that adds two wine glasses beside the pizza:

```
```python
Add this line below pizza
wine_glass = ' __ \n | | \n |__\n || '

Add these lines before return statements
for i, line in enumerate(wine_glass.split('\n')):
    for j, char in enumerate(line):
        grid[11+i][42+j] = char
        grid[11+i][56+j] = char
...
```

Bing AI User

Add two "%" evenly spaced about 25% from the right and left end of the grid.

For Example:

```
%%    %%
%%    %%
```

```
%% %%
%% %%
```

Bing AI

Thank you for clarifying. Here is the modified code that adds two "%" characters evenly spaced about 23% from the left end and 68% from the right end of the grid, starting from row 19 to row 24:

```
```python
Add these lines before return statement

Adding two "%" characters evenly spaced about 23% from the left end and 68% from the right end of
the grid.
left_percent_pos = int(len(grid[0]) * 0.23)
right_percent_pos = int(len(grid[0]) * 0.68)

Adding the "%" characters to the specified row.
for i in range(30 - 11, 30 - 6):
 grid[i][left_percent_pos:left_percent_pos+4] = ["%"] * 4
 grid[i][left_percent_pos+9:left_percent_pos+9+4] = ["%"] * 4
 grid[i][right_percent_pos:right_percent_pos+4] = ["%"] * 4
 grid[i][right_percent_pos + 9:right_percent_pos + 9 + 4] = ["%"] * 4
...
```
```

Bing AI User

Add 17 "%" to the exactly top of the previously add "%" and move it 2 steps left

Bing AI

Here is the modified code that adds 17 "%" characters to the top of the previously added "%" characters:

```
```python
Add these lines before the return statement.

Adding 17 "%" characters to the top of the previously added "%" characters.
for i in range(17):
 grid[30 - 12][left_percent_pos+i-2] = '%'
 grid[30 - 12][right_percent_pos+i-2] = '%'
...
```
```

Bing AI User

Now add a male and a female sitting above the previously added 17 "%". Provide only the modified code and where to place it.

Bing AI

Here is the modified code that adds a male and a female sitting above the previously added 17 "%" characters:

```
```python
Adding a male and a female sitting above the previously added 17 "%" characters.
male = [' o ', '-|-', '/ \\\']
female = [' o ', '/|\\', '/ \\\']
for i, line in enumerate(male):
 for j, char in enumerate(line):
 grid[30 - 15 + i][left_percent_pos + j - 1] = char

for i, line in enumerate(female):
 for j, char in enumerate(line):
 grid[30 - 15 + i][right_percent_pos + j - 1] = char
...
```
```

You can place this code after the code that adds the 17 "%" characters to the top of the previously added "%" characters.

Bing AI User

Before we proceed with the development of actual people, can you randomize food items?

Bing AI

Sure, you can randomize the food items in the ASCII art by creating a list of different food items and then randomly selecting one to display in the scene. Here is an example of how you can modify the code to randomize the food items:

```
```python
Randomizing the food items.
food_items = [
 ['____', '|pizza|', '|____|'],
 ['____', '|ham|', '|____|'],
 ['____', '|pie|', '|____|'],
 ['____', '|cake|', '|____|']
]

food_item = random.choice(food_items)

for i, line in enumerate(food_item):
 for j, char in enumerate(line):
 grid[12+i][49+j] = char
...```
```

You can place this code after the code that creates the grid and before the code that adds the characters to the scene. This will randomize the food item displayed in the scene.

## Bing AI User

Perfect. Now make the male and female align exactly center to the 17 "%" characters

## Bing AI

Here is the modified code that aligns the male and female characters exactly center to the 17 "%" characters, according to your instructions:

```
```python
# Adding a male and a female sitting above the previously added 17 "%" characters.
male = [' o ', '|-|', '|_|']
female = [' o ', '|_|', '|_|']
for i, line in enumerate(male):
    for j, char in enumerate(line):
        grid[31 - 16 + i][left_percent_pos + j+3] = char

for i, line in enumerate(female):
    for j, char in enumerate(line):
        grid[31 - 16 + i][right_percent_pos + j+3] = char
...```
```

You can place this code after the code that adds the 17 "%" characters to the top of the previously added "%" characters.

Bing AI User

Add sand to the scene from the 24th to 30th line.

Bing AI

Here is the modified code that adds sand to the bottom of the grid:

```
```python
Adding sand to the bottom of the grid.
sand_char = '~'
for i in range(24, 30):
 for j in range(100):
...```
```

```
... grid[i][j] = sand_char
```

You can place this code after the code that creates the grid and before the code that adds the characters to the scene. This will add sand to the bottom of the grid.

## Bing AI User

Add a small tree if the moon is at the top left corner of the grid. If the moon is on the top left corner, only 50% of the time the small tree should appear. Provide only the modified code and where to place it.

## Bing AI

Okay, I'll try to do that. Here is the modified code and where to place it:

```
```python
# Add this line after the line that defines the tree variable.
small_tree = '  &&  \n &&&&  \n &&&&&&  \n ||  \n ||  '

# Add this line after the line that defines the small_tree variable.
small_tree_prob = random.random()

# Add this condition before the block of code that adds the small tree to the grid if the moon is at the top
left corner.
if small_tree_prob < 0.5:
    # Add the small tree to the grid at the chosen position.
    for i, line in enumerate(small_tree.split('\n')):
        for j, char in enumerate(line):
            grid[25 + i][2 + j] = char
...
```
```

## Bing AI User

Add the cloud to the top center of the grid and randomize its placement by only x-axis between 30-60%. The cloud should look like this:

```

 .--
 .-()
 (.)
 (()
 _-__

```

## Bing AI

Okay, I'll try to do that. Here is the modified code and where to place it:

```
```python
# Add this line after the line that defines the sand_char variable.
cloud = "  .-- \n .-(  ) \n (  .  ) \n (  (  ) \n ` - __."

# Add this block of code after the block that adds the sand to the scene.
# Randomly choose a position for the cloud between column 30 and column 60.
cloud_pos = random.randint(30, 60)
# Add the cloud to the grid at the chosen position.
for i, line in enumerate(cloud.split('\n')):
    for j, char in enumerate(line):
        grid[2 + i][cloud_pos + j] = char
...
```
```

## Bing AI User

Add some stars to the sky.

## Bing AI

Okay, I'll try to do that. Here is the modified code and where to place it:

```
```python
# Add this line after the line that defines the cloud variable.
star_char = '+'

# Add this block of code after the block that adds the cloud to the scene.
# Loop through the first 10 rows of the grid.
for i in range(10):
    # Loop through each column of the grid.
    for j in range(100):
        # Randomly choose a probability of changing the grid_char to star_char.
        prob = random.random()
        # If the probability is less than 0.01, change the grid_char to star_char.
        if prob < 0.01:
            grid[i][j] = star_char
...
```
```

## Bing AI User

Add red color the the wine

## Bing AI

Okay, I'll try to do that. Here is the modified code and where to place it:

```
```python
# Add this line after the line that defines the star_char variable.
red = '\033[31m'

# Add this line after the line that defines the red variable.
reset = '\033[0m'

# Replace this block of code that adds the wine glass to the scene with the following block of code.
for i, line in enumerate(wine_glass.split('\n')):
    for j, char in enumerate(line):
        grid[11 + i][42 + j] = char
        grid[11 + i][56 + j] = char

# Replace it with this block of code.
for i, line in enumerate(wine_glass.split('\n')):
    for j, char in enumerate(line):
        # If the char is not a space, add the red color to it.
        if char != ' ':
            char = red + char + reset
        grid[11 + i][42 + j] = char
        grid[11 + i][56 + j] = char
...
```
```

## Bing AI User

Make the trees green color

## Bing AI

Okay, I'll try to do that. Here is the modified code and where to place it:

```
```python
# Add this line after the line that defines the reset variable.
green = '\033[32m'
```
```



```
Replace this block of code that adds the big tree to the scene with the following block of code.
for i, line in enumerate(tree.split('\n')):
 for j, char in enumerate(line):
 grid[8 + i][85 + j] = char
```

```
Replace it with this block of code.
for i, line in enumerate(tree.split('\n')):
 for j, char in enumerate(line):
 # If the char is not a space, add the green color to it.
 if char != ' ':
 char = green + char + reset
 grid[8 + i][85 + j] = char
```

# Replace this block of code that adds the small tree to the scene if the moon is at the top left corner with the following block of code.

```
if small_tree_prob < 0.5:
 # Add the small tree to the grid at the chosen position.
 for i, line in enumerate(small_tree.split('\n')):
 for j, char in enumerate(line):
 grid[17 + i][2 + j] = char
```

```
Replace it with this block of code.
if small_tree_prob < 0.5:
 # Add the small tree to the grid at the chosen position.
 for i, line in enumerate(small_tree.split('\n')):
 for j, char in enumerate(line):
 # If the char is not a space, add the green color to it.
 if char != ' ':
 char = green + char + reset
 grid[17 + i][2 + j] = char
...

```

## Bing AI User

Make the table color to black, brown and blue. Select only one at a time.

## Bing AI

Okay, I'll try to do that. Here is the modified code and where to place it:

```
```python
# Add these lines after the line that defines the green variable.
black = '\033[30m'
brown = '\033[33m'
blue = '\033[34m'

# Add this line after the line that defines the blue variable.
table_colors = [black, brown, blue]

# Replace this block of code that adds the table to the scene with the following block of code.
for i in range(25):
    grid[15][40 + i] = '%'

# Replace it with this block of code.
# Randomly choose a table color from the list of table_colors.
table_color = random.choice(table_colors)
# Add the table to the grid at the center position with the chosen color.
for i in range(25):
    grid[15][40 + i] = table_color + '%' + reset
...

```

Bing AI User

Add some flowers to the scene and move the flowers to the rightmost part of the grid. Also, they should appear when the moon is on the top right corner.

Bing AI

Okay, I'll try to do that. Here is the modified code and where to place it:

```
```python
Add this line after the line that defines the white variable.
pink = '\033[35m'

Add this line after the line that defines the pink variable.
flower = ' * \n * * \n * * * \n | '

Add this block of code when the moon is at the top_right corner.
Randomly choose a number of flowers between 1 and 2.
num_flowers = random.randint(1, 2)
Loop through the number of flowers.
for k in range(num_flowers):
 # Choose a position for the flower at the rightmost of the grid
 flower_pos = 90 - k * 6
 # Add the flower to the grid at the chosen position with the pink color.
 for i, line in enumerate(flower.split('\n')):
 for j, char in enumerate(line):
 if char != ' ':
 char = pink + char + reset
 grid[20 + i][flower_pos + j] = char
...
```
```

Bing AI User

Add some hearts to the scene.

Bing AI

Okay, I'll try to do that. Here is the modified code and where to place it:

```
```python
Add this line after the line that defines the pink variable.
heart = '♥'

Add this block of code before the return statement.
Randomly choose a number of hearts between 3 and 5.
num_hearts = random.randint(3, 5)
Loop through the number of hearts.
for _ in range(num_hearts):
 # Randomly choose a position for the heart between row 10 and row 15, and column 15 and column
 75.
 heart_row = random.randint(10, 15)
 heart_col = random.randint(15, 75)
 # Add the heart to the grid at the chosen position with the pink color.
 grid[heart_row][heart_col] = pink + heart + reset
...
```
```