UTF-8 Encoding

From the UTF-8 encoding scheme given below, write the Emoji "Face with tears of joy" 😂 (code point 128514 = 0x1f602) in UTF-8.

Task

Determine the UTF-8 encoding of the emoji 😂 (code point 128514 = 0x1f602) and provide your answer in hexadecimal format (e.g., `0x...`).

Store your answer as a string in the variable `ans`.

Sample submission

Declare a variable `ans` with the correct answer:

```
ans = "0xa0b1c2def"  # Your answer here as a string
```

Notes

The Reference of UTF-8 encoding is provided in the next page.

Reference

UTF-8 Encoding Scheme