year = int(input("Enter a year: "))

if year in [1948, 1960, 1972, 1984, 1996, 2008, 2020]:

zodiac\_sign = "Rat"

elif year in [1949, 1961, 1973, 1985, 1997, 2009, 2021]:

zodiac\_sign = "Ox"

elif year in [1950, 1962, 1974, 1986, 1998, 2010, 2022]:

zodiac\_sign = "Tiger"

elif year in [1951, 1963, 1975, 1987, 1999, 2011, 2023]:

zodiac\_sign = "Rabbit"

elif year in [1952, 1964, 1976, 1988, 2000, 2012, 2024]:

zodiac\_sign = "Dragon"

elif year in [1953, 1965, 1977, 1989, 2001, 2013, 2025]:

zodiac\_sign = "Snake"

elif year in [1954, 1966, 1978, 1990, 2002, 2014, 2026]:

zodiac\_sign = "Horse"

elif year in [1955, 1967, 1979, 1991, 2003, 2015, 2027]:

zodiac\_sign = "Goat"

elif year in [1956, 1968, 1980, 1992, 2004, 2016, 2028]:

zodiac\_sign = "Monkey"

elif year in [1957, 1969, 1981, 1993, 2005, 2017, 2029]:

zodiac\_sign = "Rooster"

elif year in [1958, 1970, 1982, 1994, 2006, 2018, 2030]:

zodiac\_sign = "Dog"

elif year in [1959, 1971, 1983, 1995, 2007, 2019, 2031]:

zodiac\_sign = "Pig"

else:

zodiac\_sign = "Invalid year"

print(f"The Chinese zodiac sign for the year {year} is {zodiac\_sign}.")