```
import joblib
import numpy as np

standard = joblib.load('stand.pkl')

a = np.array([[7,125,66,25,84,23.3,0.352,31]])

a = standard.transform(a)
a
```

```
C:\Users\hp\AppData\Local\Programs\Python\Python313\Lib\site-packages\
sklearn\utils\validation.py:2739: UserWarning: X does not have valid
feature names, but StandardScaler was fitted with feature names
  warnings.warn(
```

```
array([[ 0.95128172,  0.20696643, -0.53202271,  0.31976621,
0.27576562,
        -1.37521891, -0.29942698, -0.1672972 ]])
```

```
xyz = joblib.load('test.pkl')
xyz
```

```
LogisticRegression()
```

```
k = xyz.predict(a)
k
```

```
array([0])
```

```
c1 = int(input("enter your number of pregnancies "))
c2 = int(input("enter your number of glucose "))
c3 = int(input("enter your number of blood pressure "))
c4 = int(input("enter your number of  skin thickness"))
c5 = int(input("enter your number of insulun "))
c6 = float(input("enter your number of bmi "))
c7 = float(input("enter your number of dpf "))
c8 = int(input("enter your number of age "))
a = np.array([[c1,c2,c3,c4,c5,c6,c7,c8]])
a = standard.transform(a)
result = xyz.predict(a)
result = result[0]
if result==1:
    print("high risk of diabetes")
else:
    print("low risk of diabetes")
```

```
enter your number of pregnancies  1
enter your number of glucose  52
enter your number of blood pressure  90
enter your number of  skin thickness 35
enter your number of insulun  250
enter your number of bmi  24
```

```
enter your number of dpf  0.5
enter your number of age  50

low risk of diabetes

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sklearn\utils\validation.py:2739: UserWarning: X does not have valid
feature names, but StandardScaler was fitted with feature names
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```