

BMI CALUCLATOR

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Design a webpage which has following controls (use streamlit)

1. Name (textbox)
2. Gender(Radio button)
3. Age(number_input)
4. Address (textbox)
5. Hobbies (checkbox)
6. Weight in kg (number_input)
7. Height in cms(number_input)

Get the details of a person from the above controls and calculate the BMI using the height and weight

Source Code:

```
import streamlit as st
```

```
st.title('BMI Calculator')
```

```
st.write('Please enter your details:')
```

```
name = st.text_input('Name')
```

```
gender = st.radio('Gender', ('Male', 'Female', 'Other'))
```

```
age = st.number_input('Age', min_value=0, max_value=120)
```

```
address = st.text_area('Address')
```

```
hobbies = st.multiselect('Hobbies', ['Reading', 'Sports', 'Music', 'Cooking'])
```

```
weight = st.number_input('Weight (kg)', min_value=0.0, max_value=300.0, step=0.1)
```

```
height = st.number_input('Height (cm)', min_value=1.0, max_value=300.0, step=0.1)
```

```
if st.button('Calculate BMI'):
```

```
    height_m = height / 100
```

```
    bmi = round(weight / (height_m ** 2), 2)
```

```
    st.write('Your BMI is:', bmi)
```

```
    if bmi < 18.5:
```

```
        st.write('You are underweight.')
```

```
    elif bmi < 25:
```

```
        st.write('You have a normal weight.')
```

```
    elif bmi < 30:
```

```
        st.write('You are overweight.')
```

```
    else:
```

```
        st.write('You are obese.')
```

Output:

BMI Calculator

Please enter your details below:

Name

V.R .Rishendra

Gender

☒ Male

☐ Female

☐ Other

Age

20

Address

SRM

Hobbies

Sports × Music ×

Weight (kg)

66.00

Height (cm)

161.00

Calculate BMI

Your BMI is: 25.48

You are overweight.