## example

```
print('{0:15s} {1:>15s} {2:>15s} {3:>10s}'.format(str1, str2, str3, str4))
print('{0:15s} {1:15.5f} {2:15.5f} {3:15f}'.format(value1, val2, val3, val4))
def conversion_rate(df):
    """ function to calculate conversion rates for home, search and payment page"""
    rates = []
   tmp = df[~df['page_home'].isnull()]
    rates.append(1 - tmp['page search'].isnull().sum() / len(tmp))
   tmp = df[~df['page search'].isnull()]
    rates.append(1 - tmp['page_payment'].isnull().sum() / len(tmp))
   tmp = df[~df['page payment'].isnull()]
    rates.append(1 - tmp['page_confirmation'].isnull().sum() / len(tmp))
    return rates
male_rates = conversion_rate(data[data['sex'] == 'Male'])
female_rates = conversion_rate(data[data['sex'] == 'Female'])
names = ['home', 'search', 'payment']
print('{0:^10s} | {1:^10s} | {2:^10s}'.format('Page', 'Male', 'Female'))
print('-' * 40)
for name, male_rate, female_rate in zip(names, male_rates, female_rates):
    print('{0:10s} | {1:10.6f} | {2:10.6f}'.format(name, male_rate, female_rate))
1.1.1
   Page
           Desktop
                           Mobile
              0.500000
                           0.500000
home
search
              0.100000
                           0.200000
              0.049834
payment
                           0.100000
100
```

1.1.1