```
def calculate grade(marks):
   total = sum(marks)
   percentage = (total / 500) * 100
   if percentage >= 90:
       grade = 'A+'
   elif percentage >= 80:
       grade = 'A'
   elif percentage >= 70:
       grade = 'B'
   elif percentage >= 60:
       grade = 'C'
   else:
       grade = 'F'
   return total, percentage, grade
def main():
   print ("Enter marks for 5 subjects (out of 100):")
   subjects = ['Maths', 'Science', 'English', 'History', 'Geography']
   marks = []
   for subject in subjects:
       while True:
           try:
               mark = float(input(f"{subject}: "))
                if 0 <= mark <= 100:
                   marks.append(mark)
                   break
                else:
                   print ("Invalid input. Please enter a value between 0 and 100.")
            except ValueError:
               print("Invalid input. Please enter a number.")
   total, percentage, grade = calculate grade(marks)
   print("\nStudent Summary:")
   print("----")
   for i, subject in enumerate(subjects):
       print(f"{subject}: {marks[i]}")
   print(f"Total: {total} / 500")
   print(f"Percentage: {percentage:.2f}%")
   print(f"Grade: {grade}")
if name == " main ":
   main()
```

Enter marks for 5 subjects (out of 100):

Maths: 90

Science: 80

English: 79

History: 68

Geography: 78

Student Summary:

Maths: 90.0

Science: 80.0

English: 79.0

History: 68.0

Geography: 78.0

Total: 395.0 / 500

Percentage: 79.00%

Grade: B