1.Write a python program to create a class which performs basic calculator operations

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|  | class cal(): |
|  | def \_\_init\_\_(self,a,b): |
|  | self.a=a |
|  | self.b=b |
|  | def add(self): |
|  | return self.a+self.b |
|  | def mul(self): |
|  | return self.a\*self.b |
|  | def div(self): |
|  | return self.a/self.b |
|  | def sub(self): |
|  | return self.a-self.b |
|  | a=int(input("Enter first number: ")) |
|  | b=int(input("Enter second number: ")) |
|  | obj=cal(a,b) |
|  | choice=1 |
|  | while choice!=0: |
|  | print("0. Exit 1. Add 2. Subtraction 3. Multiplication 4. Division") |
|  | choice=int(input("Enter choice: ")) |
|  | if choice==1: |
|  | print("Result: ",obj.add()) |
|  | elif choice==2: |
|  | print("Result: ",obj.sub()) |
|  | elif choice==3: |
|  | print("Result: ",obj.mul()) |
|  | elif choice==4: |
|  | print("Result: ",round(obj.div(),2)) |
|  | elif choice==0: |
|  | print("Exiting!") |
|  | else: |
|  | print("Invalid choice!!") |
|  | print()  **OUTPUT:**C:\Users\mahek\Pictures\Screenshots\Screenshot (512).png |