MATHS HELPER PROJECT

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1. print("Welcome to Math Helper😊👨‍👩‍👧‍👦")
2. print("Solve math problems anytime⁉, anywhere👨‍💻")
3. pr="thanks for using our services😊👨‍👩‍👧‍👦"
4. x=int(input("1.Basic\n2.Table\n3.Square root\n4.Cube root\n5.Sum of N Terms\n6.Use
   formulas\n7.Find Percentage of your result\n:-"))
5. if x==1:
    a. z=(int(input("1.Counting🔢\n2.Whole numbers🔢\n3.Natural
       numbers🔢\n4.Addition➕\n5.Subtraction➖\n6.Division➗\n7.Multiplication✖\n8.
       Even numbers🔢\n9.Odd numbers🔢\n10.Find Percentage%\n:-")))
    b. if z==1:
          i. c=int(input("Counting Numbers upto:- "))
          ii. for i in range(0,c):
                1. print(i+1)
          iii. print(pr)
    c. elif z==2:
          i. c=int(input("Whole Numbers upto:- "))
          ii. for i in range(-1,c):
                1. print(i+1)
          iii. print(pr)
    d. elif z==3:
          i. c=int(input("Natural Numbers upto:- "))
          ii. for i in range(0,c):
                1. print(i+1)
          iii. print(pr)
    e. elif z==4:
          i. bl=[]
          ii. m2=int(input("How many numbers in your list:- "))
          iii. for i in range (m2):
                1. bl.append(int(input("Enter number one by one:- ")))
          iv. m=sum(bl)
          v. print("Sum of your numbers:- ",m)
          vi. print(pr)
    f. elif z==5:
          i. x=int(input("Enter number:-"))
          ii. x2=int(input('Enter 2nd number:-'))
          iii. print("Subtraction of number is:-",x-x2)
          iv. print(pr)
    g. elif z==6:
          i. x=int(input("Enter number:-"))
          ii. x2=int(input('Enter 2nd number:-'))
          iii. print("Ans is:-",x/x2)
          iv. print(pr)
    h. elif z==7:
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            i. x=int(input("Enter number:-"))
            ii. x2=int(input('Enter 2nd number:-'))
            iii. print("Ans is:-",x*x2)
            iv. print(pr)
        i. elif z==8:
            i. c=int(input("Even Numbers upto:- "))
            ii. for i in range(1,c):
                1. if i%2==0:
                    a. print("Even numbers :-",i)
            iii. print(pr)
        j. elif z==9:
            i. c=int(input("Odd Numbers upto:- "))
            ii. for i in range(1,c):
                1. if i%2!=0:
                    a. print("Odd numbers :-",i)
            iii. print(pr)
        k. elif z==10:
            i. x=int(input("Enter Actual Value:-"))
            ii. y=int(input("Enter  Total Value:-"))
            iii. a=x/y*100
            iv. a=int(a)
            v. print("Percentage:-",a,"%")
            vi. print(pr)
        l. else:
            i. print("Error")
6. elif x==2:
    a. t1=1
    b. t=int(input("which table you need:- "))
    c. for i in range(0,10):
        i. print(t,"X",t1,"=",t*t1)
        ii. t1=t1+1
    d. print(pr)
7. elif x==3:
    a. t1=1
    b. s=int(input("Which number you need to find square root:- "))
    c. for i in range(0,11):
        i. if i:
            1. print(s**2*t1)
            2. t1=t1+1
    d. print(pr)
8. elif x==4:
    a. t1=1
    b. c=int(input("Which number you need to find cube root:- "))
    c. for i in range(0,11):
        i. if i:
            1. print(c**3*t1)
            2. t1=t1+1
    d. print(pr)
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9. elif x==5:
    a. bl=[]
    b. x=(int(input("Enter N:-")))
    c. for i in range(0,x):
        i. bl.append(i+1)
    d. print(sum(bl))
    e. print(pr)
10. elif x==6:
    a. f=int(input("1.Geometry Formulas\n2.Algebra Identities\n3.Surface Area and Volume Formulas\n4.Statistics\n5.Class 11th and 12th Formulas\n:-"))
    b. if f==1:
    c. f1=int(input("1.Triangle\n2.Rectangle\n3.Square\n4.Parallelogram\n5.Rhombus\n6.Trapezium\n7.Circle\n8.Cylinder\n9.Cone\n10.Sphere\n:-"))
        i. if f1==1:
            1. a1=int(input("1.Area\n2.Perimeter\n:-"))
            2. if a1==1:
                a. tr=int(input("Enter Triangle Base:- "))
                b. tr1=int(input("Enter Base:- "))
                c. print("Area of Triangle =",tr*tr1/2)
                d. print(pr)
            3. elif a1==2:
                a. tr2=int(input("Enter first side:-"))
                b. tr3=int(input("Enter second side:-"))
                c. tr4=int(input("Enter third side:-"))
                d. print("Perimeter of Triangle =",tr2+tr3+tr4)
                e. print(pr)
            4. else:
                a. print("Error")
        ii. elif f1==2:
            1. re=int(input("1.Area\n2.Perimeter\n:-"))
            2. if re==1:
                a. re1=int(input("Enter length of Rectangle:-"))
                b. re2=int(input("Enter breadth of Rectangle:-"))
                c. print("Area of rectangle:-",re1*re2)
                d. print(pr)
            3. elif re==2:
                a. re3=int(input("Enter length of Rectangle:-"))
                b. re4=int(input("Enter breadth of Rectangle:-"))
                c. print("Perimeter of rectangle =",2*re3*re4)
                d. print(pr)
            4. else:
                a. print("Error")
        iii. elif f1==3:
            1. sq=int(input("1.Area\n2.Perimeter\n:-"))
            2. if sq==1:
                a. sq1=int(input("Enter Length of the Side:-"))
                b. print("Area of square is:-",sq1**2)

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            c. print(pr)
        3. elif sq==2:
            a. sq2=int(input("Enter Length of the Side:-"))
            b. print("Perimeter of square =",4*sq2)
            c. print(pr)
        4. else:
            a. print("Error")
iv. elif f1==4:
        1. pl=int(input("1.Area\n2.Perimeter\n:-"))
        2. if p1==1:
            a. pl1=int(input("Enter base of Parallelogram:-"))
            b. pl2=int(input("Enter height of Parallelogram:-"))
            c. print("Area of Parallelogram is:-",pl1*pl2)
            d. print(pr)
        3. elif p1==2:
            a. pl3=int(input("Enter base of Parallelogram:-"))
            b. pl4=int(input("Enter side of Parallelogram:-"))
            c. print("Perimeter of Parallelogram =",2*pl3+pl4)
            d. print(pr)
        4. else:
            a. print("Error")
v. elif f1==5:
        1. rm=int(input("1.Area\n2.Perimeter\n:-"))
        2. if rm==1:
            a. rm1=int(input("Enter the 1st diagonal of the rhombus:-"))
            b. rm2=int(input("Enter the 2nd diagonal of the rhombus:-"))
            c. print("Area of Rhombus is:-",(rm1*rm2)/2)
            d. print(pr)
        3. elif rm==2:
            a. rm3=int(input("Enter side of Rhombus:-"))
            b. print("Perimeter of Rhombus =",4*rm3)
            c. print(pr)
        4. else:
            a. print("Error")
vi. elif f1==6:
        1. tz=int(input("1.Area\n2.Perimeter\n:-"))
        2. if tz==1:
            a. tz1=int(input("Enter Trapezium base 1:-"))
            b. tz2=int(input("Enter Trapezium base 2:-"))
            c. tz3=int(input("Enter Trapezium height :-"))
            d. print("Area of Trapezium",(tz1+tz2)/2*tz3)
            e. print(pr)
        3. elif tz==2:
            a. tz4=int(input("Enter 1st side:-"))
            b. tz5=int(input("Enter 2nd side:-"))
            c. tz6=int(input("Enter 3rd side:-"))
            d. tz7=int(input("Enter 4rth side:-"))
            e. print(tz4+tz5+tz6+tz7)
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            f. print(pr)
        4. else:
            a. print("Error")
vii. elif f1==7:
    1. cr=int(input("1.Area\n2.Circumference\n:-"))
    2. if cr==1:
        a. cr1=int(input("Enter radius of Circle:-"))
        b. print("Area of Circle =",3.142*(cr1*cr1))
        c. print(pr)
    3. elif cr==2:
        a. cr2=int(input("Enter radius of Circle:-"))
        b. print("Circumference of Circle =",(2*3.142)*cr2)
        c. print(pr)
    4. else:
        a. print("Error")
viii. elif f1==8:
    1. cl=int(input("1.Surface Area of Cylinder\n2.Volume of Cylinder\n:-"))
    2. if cl==1:
        a. cl1=int(input("Enter height of Cylinder:-"))
        b. cl2=int(input("Enter radius of Cylinder:-"))
        c. print("Surface Area of Cylinder is =",(2*3.142)*cl2*(cl1+cl2))
        d. print(pr)
    3. elif cl==2:
        a. cl3=int(input("Enter height of Cylinder:-"))
        b. cl4=int(input("Enter radius of Cylinder:-"))
        c. print("Volume of Cylinder is =",3.142*(cl4*cl4)*cl3)
        d. print(pr)
    4. else:
        a. print("Error")
ix. elif f1==9:
    1. cn=int(input("1.Surface Area of Cone\n2.Volume of Cone\n:-"))
    2. if cn==1:
        a. cn1=int(input("Enter radius of Cone:-"))
        b. cn2=int(input("Enter slant height of cone:-"))
        c. print("Surface Area of Cone is =",3.142*cn1*(cn1+cn2))
        d. print(pr)
    3. elif cn==2:
        a. cn1=int(input("Enter radius of Cone:-"))
        b. cn2=int(input("Enter height of cone:-"))

        c. print("Volume of Cone is =",3.142*(cn1*cn1)*cn2/3)
        d. print(pr)
    4. else:
        a. print("Error")
x. elif f1==10:
    1. sp=int(input("1.Surface Area of sphere\n2.Volume "))
    2. if f2==1:
        a. sp1=int(input("Enter radius of sphere:-"))
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            b. print("Surface Area of surface are =",4*3.142*(sp1*sp1))
            c. print(pr)
        3. elif f2==2:
            a. sp2=int(input("Enter radius of sphere:-"))
            b. print("Volume of sphere is =",4/3*3.142*sp2**3)
            c. print(pr)
        4. else:
            a. print("Error")
    xi. else:
        1. print("Error")
d. elif f==2:
    i. a=int(input("1.Square of a Sum{(a+b)2=a2+2ab+b2}\n2.Square of a
       Difference{(a−b)2=a2−2ab+b2}\n3.Product of a Sum and a
       Difference{(a+b)(a−b)=a2−b2}\n4.Cube of a
       Sum{(a+b)3=a3+b3+3ab(a+b)}\n5.Cube of a
       Difference{(a−b)3=a3−b3−3ab(a−b)}\n6.Sum of
       Cubes{a3+b3=(a+b)(a2−ab+b2)}\n7.Difference of
       Cubes{a3−b3=(a−b)(a2+ab+b2)}\n8.Square of a Binomial
       Sum{(x+y+z)2=x2+y2+z2+2xy+2yz+2zx}\n9.Sum of Squares of Three
       Terms{x2+y2+z2=(x+y+z)2−2(xy+yz+zx)}\n10.Square of a Binomial
       Difference{(x−y−z)2=x2+y2+z2−2xy+2yz−2zx}\n:-"))
    ii. if a==1:
        1. print("Please enter values of a and b")
        2. v=int(input("a ="))
        3. v1=int(input("b ="))
        4. print("Square of a Sum is =",(v*v)+(2*v*v1)+(v1*v1))
        5. print(pr)
    iii. elif a==2:
        1. print("Please enter values of a and b")
        2. v=int(input("a ="))
        3. v1=int(input("b ="))
        4. print("Square of a Difference is =",(v*v)-(2*v*v1)+(v1*v1))
        5. print(pr)
    iv. elif a==3:
        1. print("Please enter values of a and b")
        2. v=int(input("a ="))
        3. v1=int(input("b ="))
        4. print("Product of a Sum and a Difference is =",(v+v1)*(v-v1))
        5. print(pr)
    v. elif a==4:
        1. print("Please enter values of a and b")
        2. v=int(input("a ="))
        3. v1=int(input("b ="))
        4. print("Cube of a Sum is =",(v**3)+(v1**3)+(3*v*v1)*(v+v1))
        5. print(pr)
    vi. elif a==5:
        1. print("Please enter values of a and b")
        2. v=int(input("a ="))
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3. v1=int(input("b ="))
4. print("Cube of a Difference is =",(v**3)-(v1**3)-(3*v*v1)*(v-v1))
5. print(pr)

vii. elif a==6:
1. print("Please enter values of a and b")
2. v=int(input("a ="))
3. v1=int(input("b ="))
4. print("Sum of Cubes is =",(v+v1)*(v*v-v*v1+v1*v1))
5. print(pr)

viii. elif a==7:
1. print("Please enter values of a and b")
2. v=int(input("a ="))
3. v1=int(input("b ="))
4. print("Difference of Cubes is =",(v-v1)*(v*v+v*v1+v1*v1))
5. print(pr)

ix. elif a==8:
1. print("Please enter values of a,b and c")
2. v=int(input("a ="))
3. v1=int(input("b ="))
4. v2=int(input("c ="))
5. print("Square of a Binomial Sum is =",(v*v)+(v1*v1)+(v2*v2)+(2*v*v1)+(2*v1*v2)+(2*v2*v))
6. print(pr)

x. elif a==9:
1. print("Please enter values of a,b and c")
2. v=int(input("a ="))
3. v1=int(input("b ="))
4. v2=int(input("c ="))
5. print("Sum of Squares of Three Terms is =",(v+v1+v2)**2-(2*(v*v1+v1*v2+v2*v)))
6. print(pr)

xi. elif a==10:
1. print("Please enter values of a,b and c")
2. v=int(input("a ="))
3. v1=int(input("b ="))
4. v2=int(input("c ="))
5. print("Square of a Binomial Difference is =",(v*v)+(v1*v1)+(v2*v2)-(2*v*v1)+(2*v1*v2)-(2*v2*v))
6. print(pr)

xii. else:
1. print("Error")

e. elif f==3:
f. sh=int(input("1.Cuboid\n2.Cube\n3.Cylinder\n4.Cone\n5.Sphere\n6.Hemisphere\n7.Prism\n:-"))

i. if sh==1:
1. sh1=int(input("1.Find surface area\n2.Find Volume of Cuboid\n:-"))
2. if sh1==1:
a. print("Please enter length,Breadth and Height")

b. sh2=int(input("Enter length ="))
c. sh3=int(input("Enter breadth ="))
d. sh4=int(input("Enter height ="))
e. print("Surface area of Cuboid is =",2*(sh2*sh3+sh3*sh4+sh4*sh2))
f. print(pr)

3. elif sh1==2:
    a. print("Please enter length,Breadth and Height")
    b. sh2=int(input("Enter length ="))
    c. sh3=int(input("Enter breadth ="))
    d. sh4=int(input("Enter height ="))
    e. print("Volume of Cuboid is =",sh2*sh3*sh4)
    f. print(pr)
4. else:
    a. print("Error")

ii. elif sh==2:
1. sh1=int(input("1.Find surface area\n2.Find Volume of Cuboid\n:-"))
2. if sh1==1:
    a. sh2=int(input("Please enter length of cube ="))
    b. print("Surface Area of cube is =",6*sh2*sh2)
    c. print(pr)
3. elif sh1==2:
    a. sh2=int(input("Please enter length of cube ="))
    b. print("Volume of cube is =",sh2**3)
    c. print(pr)
4. else:
    a. print("Error")

iii. elif sh==3:
1. cy=int(input("1.CSA(Curved Surface Area)\n2.TSA(Total Surface Area)\n3.Volume\n:-"))
2. if cy==1:
    a. print("Please enter Radius and Height")
    b. ra=int(input("Enter radius ="))
    c. he=int(input("Enter height ="))
    d. print("Curved Surface Area of Cylinder is =",2*3.142*ra*he)
    e. print(pr)
3. elif cy==2:
    a. print("Please enter Radius and Height")
    b. ra=int(input("Enter radius ="))
    c. he=int(input("Enter height ="))
    d. print("Total Surface Area of Cylinder is =",2*3.142*ra*(ra+he))
    e. print(pr)
4. elif cy==3:
    a. print("Please enter Radius and Height")
    b. ra=int(input("Enter radius ="))
    c. he=int(input("Enter height ="))
    d. print("Volume of Cylinder is =",3.142*(ra*ra)*he)

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            e. print(pr)
        5. else:
            a. print("Error")
iv. elif sh==4:
    1. cy=int(input("1.CSA(Curved Surface Area)\n2.TSA(Total Surface
       Area)\n3.Volume\n:-"))
    2. if cy==1:
        a. print("Please enter Radius and length")
        b. ra=int(input("Enter radius ="))
        c. sh2=int(input("Enter length ="))
        d. print("Curved Surface Area of Cone is =",3.142*ra*sh2)
        e. print(pr)
    3. elif cy==2:
        a. print("Please enter Radius and length")
        b. ra=int(input("Enter radius ="))
        c. sh2=int(input("Enter length ="))
        d. print("Total Surface Area of Cone is =",3.142*ra*(ra+sh2))
        e. print(pr)
    4. elif cy==3:
        a. print("Please enter Radius and length")
        b. ra=int(input("Enter radius ="))
        c. he=int(input("Enter height ="))
        d. print("Volume of Cone is =",1/3*3.142*(ra*ra)*he)
        e. print(pr)
    5. else:
        a. print("Error")
v. elif sh==5:
    1. cy=int(input("1.Surface Area and LSA\n2.Volume\n:-"))
    2. if cy==1:
        a. ra=int(input("Enter radius ="))
        b. print("Surface Area of sphere is =",4*3.142*(ra*ra))
        c. print(pr)
    3. elif cy==2:
        a. ra=int(input("Enter radius ="))
        b. print("Volume of sphere is =",4/3*3.142*(ra**3))
        c. print(pr)
    4. else:
        a. print("Error")
vi. elif sh==6:
    1. cy=int(input("1.CSA(Curved Surface Area)\n2.TSA(Total Surface
       Area)\n3.Volume\n:-"))
    2. if cy==1:
        a. ra=int(input("Enter radius ="))
        b. print("Curved Surface Area of Hemisphere is
           =",2*3.142*(ra*ra))
        c. print(pr)
    3. elif cy==2:
        a. ra=int(input("Enter radius ="))
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                    b. print("Total Surface Area of Hemisphere is
                       =",3*3.142*(ra*ra))
                    c. print(pr)
                4. elif cy==3:
                    a. ra=int(input("Enter radius ="))
                    b. print("Volume of Hemisphere is =",2/3*3.142*(ra**3))
                    c. print(pr)
                5. else:
                    a. print("Error")
        vii. elif sh==7:
                1. cy=int(input("1.Surface Area)\n2.Volume\n:-"))
                2. if cy==1:
                    a. sh2=int(input("Enter length ="))
                    b. w=int(input("Enter Width ="))
                    c. he=int(input("Enter height ="))
                    d. pe=2*sh2+2*w
                    e. print("Perimeter =",pe)
                    f. area=sh2*w
                    g. print("Area =",area)
                    h. print("Surface area of Prism =",2*area+pe*he)
                    i. print(pr)
                3. elif cy==2:
                    a. sh2=int(input("Enter length ="))
                    b. w=int(input("Enter Width ="))
                    c. he=int(input("Enter height ="))
                    d. area=sh2*w
                    e. print("Area =",area)
                    f. print("Volume of Prism is =",area*h)
                    g. print(pr)
                4. else:
                    a. print("Error")
        viii. else:
                1. print("Error")
g. elif f==4:
        i. m=int(input("1.Mean\n2.Median\n3.Mode\n:-"))
        ii. if m==1:
                1. bl=[]
                2. m2=int(input("How many numbers in your list:- "))
                3. for i in range (m2):
                    a. bl.append(int(input("Enter number one by one:- ")))
                4. print(bl)
                5. m=sum(bl)
                6. m3=int(m/m2)
                7. print("Mean =",m3)
                8. print(pr)
        iii. elif m==2:
                1. import statistics
                2. bl=[]
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3. m2=int(input("How many numbers in your list:- "))
4. for i in range (m2):
    a. bl.append(int(input("Enter number one by one:- ")))
5. print(statistics.median(bl))
6. print(pr)

iv. elif m==3:

1. import statistics
2. bl=[]
3. m2=int(input("How many numbers in your list:- "))
4. for i in range (m2):
    a. bl.append(int(input("Enter number one by one:- ")))
5. print(statistics.mode(bl))
6. print(pr)

h. elif f==5:

i. c1=int(input("1.Algebra Formulas\n2.Vector Formulas\n:-"))

ii. if c1==1:

1. fo=int(input("1.Distributive property{a(b+c)=ab+ac }\n2.Commutative Property of Addition{a+b=b+a}\n3.Commutative Property of Multiplication{ab=ba}\n4.Associative Property of Addition{a+(b+c)=(a+b)+c}\n5.Associative Property of Multiplication{a(bc)=(ab)c}\n6.Additive Identity Property{a+0=a}\n7.Multiplicative Identity Property{a×1=a}\n8.Additive Inverse Property{a+(-a)=0}\n9.Multiplicative Inverse Property{a·(1/a)=1}\n10.Zero Property of Multiplication{a(0)=0}\n:-"))
2. if fo==1:
    a. print("Please enter values of a,b and c")
    b. a=int(input("a ="))
    c. b=int(input("b ="))
    d. c=int(input("c ="))
    e. print("Ans =",(a*b)+(a*c))
    f. print(pr)
3. elif fo==2:
    a. print("Please enter values of a,b and c")
    b. a=int(input("a ="))
    c. b=int(input("b ="))
    d. print("Ans =",b+a)
    e. print(pr)
4. elif fo==3:
    a. print("Please enter values of a,b and c")
    b. a=int(input("a ="))
    c. b=int(input("b ="))
    d. print("Ans =",b*a)
    e. print(pr)
5. elif fo==4:
    a. print("Please enter values of a,b and c")
    b. a=int(input("a ="))
    c. b=int(input("b ="))

d. c=int(input("c ="))
e. print("Ans =",(a+b)+c)
f. print(pr)

6. elif fo==5:
    a. print("Please enter values of a,b and c")
    b. a=int(input("a ="))
    c. b=int(input("b ="))
    d. c=int(input("c ="))
    e. print("Ans =",(a*b)*c)
    f. print(pr)
7. elif fo==6:
    a. print("Please enter values of a,b and c")
    b. a=int(input("a ="))
    c. print("Ans =",a)
    d. print(pr)
8. elif fo==7:
    a. print("Please enter values of a,b and c")
    b. a=int(input("a ="))
    c. print("Ans =",a)
    d. print(pr)
9. elif fo==8:
    a. print("Please enter values of a,b and c")
    b. a=int(input("a ="))
    c. print("Ans =",0)
    d. print(pr)
10. elif fo==9:
    a. print("Please enter values of a,b and c")
    b. a=int(input("a ="))
    c. print("Ans =",1)
    d. print(pr)
11. elif fo==10:
    a. print("Please enter values of a,b and c")
    b. a=int(input("a ="))
    c. print("Ans =",0)
    d. print(pr)
12. else:
    a. print("Error")

iii. elif c1==2:
1. fo=int(input("1.Commutative Law{A+B=B+A}\n2.Associative Law{A+(B+C)=(A+B)+C}\n3.Dot Product{(A•B)=|P||Q|cosθ}\n4.Cross Product{(A×B)=|P||Q|sinθ}\n5.k(A+B)=kA+kB\n6.Additive Identity{A+0=0+A}\n:-"))
2. if fo==1:
    a. print("Please enter values of a,b and c")
    b. a=int(input("a ="))
    c. b=int(input("b ="))
    d. print("Ans =",b+a)

```
            e. print(pr)
        3. elif fo==2:
            a. print("Please enter values of a,b and c")
            b. a=int(input("a ="))
            c. b=int(input("b ="))
            d. c=int(input("c ="))
            e. print("Ans =",(a+b)*+c)
            f. print(pr)
        4. elif fo==3:
            a. print("Error")
        5. elif fo==4:
            a. print("Error")
        6. elif fo==5:
            a. print("Please enter values of a,b and c")
            b. a=int(input("a ="))
            c. b=int(input("b ="))
            d. k=int(input("k ="))
            e. print("Ans =",(k*a)+(k*b))
            f. print(pr)
        7. elif fo==6:
            a. print("Please enter values of a,b and c")
            b. a=int(input("a ="))
            c. print("Ans =",a)
            d. print(pr)
        8. else :
            a. print("Error")
    iv. else:
        1. print("Error")
11. elif x==7:
    a. a=[]
    b. a1=int(input("Enter your Total subject no.:-"))
    c. for i in range(0,a1):
        i. x=int(input("Enter subject marks one by one:-"))
        ii. a.append(x)
    d. b=sum(a)
    e. print("Your Percentage is:-",b/a1,"%")
    f. print(pr)
12. else:
    a. print("Please re check details")
```

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