

```

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        "write a program which accept the radius of circle from the user and  
calculate the Area."
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            " Input Radius of Circle =0.7\n",
            "Area of Circle is = 1.5395799999999997 Unit Sqare\n"
          ]
        }
      ],
      "source": [
        "a= float( input(\" Input Radius of Circle =\") )\n",
        "b=float(3.142*(a*a))\n",
        "print(f\"Area of Circle is = {b} Unit Sqare\")"
      ]
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        "write a phyton program to check number is positive, negative or  
zero."
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          "text": [
            " Enter Any Number -6\n",
            " Your Number Is Negative \n"
          ]
        }
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      "source": [
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    }
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"source": [
    "a=int(input(\" Enter Any Number = \"))\n",
    "if a>=0:\n",
    "    if a>0:\n",
    "        print(\" Your Number Is Positive \")\n",
    "    elif a==0:\n",
    "        print(\" your number is zero \")\n",
    "else:\n",
    "    print(\" Your Number Is Negative \")"
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        "# Question no 3\n",
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        "Write a Python program to check whether a number is completely  
divisible by another number. Accept two integer values form the user"
    ]
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        {
            "name": "stdout",
            "output_type": "stream",
            "text": [
                " Enter First Number =18\n",
                " Enter Second Number =7\n",
                "Number 18 is Not Completely divisible by 7\n"
            ]
        }
    ]
},
"source": [
    "a=int(input(\" Enter First Number =\"))\n",
    "b=int(input(\" Enter Second Number =\"))\n",
    "if(a%b==0):\n",
    "    print(f\"Number {a} is Completely divisible by {b}\")\n",
    "else:\n",
    "    print(f\"Number {a} is Not Completely divisible by {b}\")\n",
    "    \n"
]
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        "# Question no 4\n",
        "\n",
        "Write a Python program to get the volume of a sphere, please take  
the radius as input from user."
    ]
}

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            "output_type": "stream",
            "text": [
                " Input Radius of Circle =0.6\n",
                "Volume of Sphere  = 0.9048959999999999 Unit Cube\n"
            ]
        }
    ],
    "source": [
        "a= float( input(\" Input Radius of Circle =\") )\n",
        "b= float((4/3)*(3.142*(a*a*a)))\n",
        "print(f\"Volume of Sphere  = {b} Unit Cube\")"
    ]
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        "Write a Python program to get a string which is n (non-negative integer) copies of a given string"
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        {
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            "output_type": "stream",
            "text": [
                " Enter the String =amir\n",
                " How many many copy of String you need =4\n",
                "['amir'] ['amir'] ['amir'] ['amir'] "
            ]
        }
    ],
    "source": [
        "a= [input(\" Enter the String =\")]\n",
        "b= int(input(\" How many many copy of String you need =\"))\n",
        "for i in range (1,b+1):\n",
        "    print(a,end = \" \")\n"
    ]
},

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    "# Question no 6\n",
    "\n",
    "Write a Python program to find whether a given number (accept from
the user) is even or odd, print out an appropriate message to the
user\n",
    "\n"
  ]
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      "text": [
        "Enter Your Number = 35\n",
        "35 is Odd Number....\n"
      ]
    }
  ],
  "source": [
    "a=int(input(\"Enter Your Number = \")) \n",
    "if a>=0: \n",
    "    if a%2==0: \n",
    "        print(f\"{a} is Even Number....\")\n",
    "    else: \n",
    "        print(f\"{a} is Odd Number....\") \n",
    "else: \n",
    "    print(f\"{a} is Invalid Number....\") \n",
    "    print(\"Enter Number Greater Than Zero....\")"
  ]
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    "Write a Python program to test whether a passed letter is a vowel or
not"
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            "Enter any Alphabetd\n",
            " The Alphabet d is Not Vowel \n"
        ]
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    {
        "source": [
            "a=str(input(\"Enter any Alphabet = \"))\n",
            "if a=='a':\n",
            "    print( f\" The Alphabet {a} is Vowel \")\n",
            "elif a=='e':\n",
            "    print( f\" The Alphabet {a} is Vowel \")\n",
            "elif a=='i':\n",
            "    print( f\" The Alphabet {a} is Vowel \")\n",
            "elif a=='o':\n",
            "    print( f\" The Alphabet {a} is Vowel \")\n",
            "elif a=='u':\n",
            "    print( f\" The Alphabet {a} is Vowel \")\n",
            "else: \n",
            "    print( f\" The Alphabet {a} is Not Vowel \")\n"
        ]
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            "Write a Python program that will accept the base and height of a triangle and compute the area"
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                "output_type": "stream",
                "text": [
                    "Enter Base Of a Triangle = 37\n",
                    "Enter Hight Of a Triangle = 23\n",
                    " The Area Of Triangle is = 425.5 Unit Square\n"
                ]
            }
        ]
    },
    {
        "source": [
            "a= int(input(\"Enter Base Of a Triangle = \"))\n",
            "b= int(input(\"Enter Hight Of a Triangle = \"))\n",
            "c=float(a*b)/2\n",
            "print(f\" The Area Of Triangle is = {c} Unit Square\")"
        ]
    }
]

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},
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        "Write a Python program to compute the future value of a specified
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                " Enter The Principal Amount = 5000\n",
                " Enter The Rate Of Intrset % = 25.36\n",
                " Enter Number Of Year Of Investment = 14\n",
                " After 14 Investment of year Your Principal Amount 5000 Over an
Intrest rate 25.36 will be = 1845199.9999999998\n"
            ]
        }
    ],
    "source": [
        "a= int(input(\" Enter The Principal Amount = \"))\n",
        "b= float(input(\" Enter The Rate Of Intrset % = \"))\n",
        "c= int(input(\" Enter Number Of Year Of Investment = \"))\n",
        "d= float(a*((1+(b))*c))\n",
        "print(f\" After {c} Investment of year Your Principal Amount {a}
Over an Intrest rate {b} will be = {d}\")"
    ]
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        "\n",
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(x1, y1) and (x2, y2)\n",
        "\n"
    ]
},
{
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    "metadata": {},
    "outputs": [

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{
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  "output_type": "stream",
  "text": [
    " Enter Co-ordinate Value of x1 = 3\n",
    " Enter Co-ordinate Value of x2 = 12\n",
    " Enter Co-ordinate Value of y1 = 12\n",
    " Enter Co-ordinate Value of y2 = 22\n",
    " The Distance At X-axis Is = 9\n",
    " The Distance At X-axis Is = 9\n"
  ]
}
],
"source": [
  "x1= int(input(\" Enter Co-ordinate Value of x1 = \"))\n",
  "x2= int(input(\" Enter Co-ordinate Value of x2 = \"))\n",
  "y1= int(input(\" Enter Co-ordinate Value of y1 = \"))\n",
  "y2= int(input(\" Enter Co-ordinate Value of y2 = \"))\n",
  "Xo=x2-x1\n",
  "Yo=x2-x1\n",
  "print(f\" The Distance At X-axis Is = {Xo}\")\n",
  "print(f\" The Distance At X-axis Is = {Yo}\")"
]
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  "metadata": {},
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    {
      "name": "stdout",
      "output_type": "stream",
      "text": [
        " Enter Your Hight in Feet = 5.5\n",
        "Your hight 5.5 in Centimeter is = 167.64000000000001\n"
      ]
    }
  ],
  "source": [
    "a= float(input(\" Enter Your Hight in Feet = \"))\n",
    "b=float(a*30.48)\n",
    "print(f\"Your hight {a} in Centimeter is = {b}\")"
  ]
},
{

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    "Write a Python program to calculate body mass index"
]
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"metadata": {},
"outputs": [
    {
        "name": "stdout",
        "output_type": "stream",
        "text": [
            " Enter Hight In Cm = 167\n",
            " Enter Weoght In kg = 53\n",
            " Your BMI is = 19.003908350962746 \n"
        ]
    }
],
"source": [
    "a= int(input(\" Enter Hight In Cm = \"))\n",
    "b= int(input(\" Enter Weight In kg = \"))\n",
    "c=float(b/a/a)*10000\n",
    "print(f\" Your BMI is = {c} \")"
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        "output_type": "stream",
        "text": [
            " Enter any Number = 6\n",
            " The Sum Of Positive Integers is = 21\n"
        ]
    }
],
"source": [

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```

    "a= int(input(\" Enter any Number = \"))\n",
    "b=0\n",
    "for i in range(1,a+1):\n",
    "b=b+i\n",
    "print(f\" The Sum Of Positive Integers is = {b}\")\n"
]
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integer"
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            "output_type": "stream",
            "text": [
                " Enter Any Number = 12545\n",
                " The Total Sum Digit is :17\n"
            ]
        }
    ]
},
"source": [
    "a= int(input(\" Enter Any Number = \"))\n",
    "t=0\n",
    "while(a>0):\n",
    "    d=a%10\n",
    "    t=t+d\n",
    "    a=a//10\n",
    "print(f\" The Total Sum Digit is :{t}\")"
]
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        "name": "python3"
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