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      "print(f\"Area Of Circle =    {a} Unit Square\") "
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          "       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..\")\n",
          "     "
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              "Your Number Is Positive..\n"
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    "b=float(input(\"Enter The First Number = \"))\n",
    "if(a%b==0):\n",
    "      print(f\"Number {a} is Completly divisible by {b}\") \n",
    "else:\n",
    "      print(f\"Number {a} is not Completely divisibli by {b}\")\n",
    "      "
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      "v=float((4/3)*(3.142*(r*r*r)))\n",
      "print(f\"Volume of the SPHERE WITH Radius {r} is {v} Unit Cube\")\n"
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      "b=int(input(\"How many copies of string you need = \"))\n",
      "for i in range(1,b+1):\n",
      "    print(a,end = \" \")"
    ],
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          "Enter The String = sorry\n",
          "How many copies of string you need = 3\n",
          "['sorry'] ['sorry'] ['sorry'] "
        ],
        "name": "stdout"
      }
    ]
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     "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 Then Zero...\")"
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       "6 is Even Number ...\n"
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      "name": "stdout"
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      "a=a.lower()\n",
      "if a=='a':\n",
      " print(f\"{a} is Vowel....\")\n",
      "elif a=='e':\n",
      " print(f\"{a} is Vowel....\")\n",
      "elif a=='i':\n",
      " print(f\"{a} is Vowel....\")\n",
      "elif a=='o':\n",
      " print(f\"{a} is Vowel....\")\n",
      "elif a=='u':\n",
      " print(f\"{a} is Vowel....\")\n",
      "else:\n",
      " print(f\"{a} is Not Vowel....\")\n"
   ],
```

```
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            "Enter The Alphabate = a\n",
            "a is Vowel....\n"
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      "source": [
        "b=float(input(\"Enter The Base Of Triangle = \"))\n",
        "h=float(input(\"Enter The Height Of Triangle = \"))\n",
```

```
        "a=float (h*b)/2\n",
        "print(f\"Area Of Triangle With Base {b} And Height {h} = {a} Unit Square....\")"
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            "Enter The Height Of Triangle = 3\n",
            "Area Of Triangle With Base 4.0 And Height 3.0 = 6.0 Unit Square....\n"
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          "name": "stdout"
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        },
        "source": [
          "p=float(input(\"Enter The Principal Amount = \"))\n",
          "i=float(input(\"Enter The Rate Of Interest In % = \"))\n",
          "y=float(input(\"Enter The number of years for investment = \"))\n",
          "t=float(p*((1+(i))** y)) \n",
          "print(f\"After {y} years your principal amount {p} over an interest rate of {i} % will be {t}...\") "
        ],
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              "Enter The Rate Of Interest In % = .2\n",
              "Enter The number of years for investment = 6\n",
              "After 6.0 years your principal amount 20000.0 over an interest rate of 0.2 % will be 59719.679999999986...\n"
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            "name": "stdout"
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      "x2=float(input(\"Enter Co-ordinate for x2 = \"))\n",
      "y1=float(input(\"Enter Co-ordinate for y1 = \"))\n",
      "y2=float(input(\"Enter Co-ordinate for y2 = \"))\n",
      "print(f\"Distance Between Points ({x1},{x2}) and ({y1},{y2}) is ({y1-x1}, {y2-x2}\")\n"
    ],
    "execution_count": 0,
    "outputs": [
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          "Enter Co-ordinate for x1 = 3\n",
          "Enter Co-ordinate for x2 = 5\n",
          "Enter Co-ordinate for y1 = 5\n",
          "Enter Co-ordinate for y2 = 5\n",
          "Distance Between Points (3.0,5.0) and (5.0,5.0) is (2.0, 0.0\n"
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      "print(f\"There are {f*30.48} Cm in {f} ft\")"
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      "h=float(input(\"Enter The Height In Cms = \"))\n",
      "w=float(input(\"Enter The Weight in Kgs = \"))\n",
      "b=float(w/h/h)*10000\n",
      "print(f\"Your BMI is {b}\")\n"
    ],
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          "Enter The Weight in Kgs = 50\n",
          "Your BMI is 22.22222222222222\n"
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      "n=int(input(\"Enter Value Of n = \"))\n",
      "a=0\n",
      "for i in range(1,n+1):\n",
      " a=a+i\n",
      "print(f\"Sum of n Positive integers till {n} is {a}\")"
    ],
    "execution_count": 0,
    "outputs": [
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        "output_type": "stream",
        "text": [
          "Enter Value Of n = 8\n",
          "Sum of n Positive integers till 8 is 36\n"
        ],
        "name": "stdout"
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      ]
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        "t=0\n",
        "while(n>0):\n",
        " d=n%10\n",
        " t=t+d\n",
        " n=n//10\n",
        "print(\"The total sum of digits is:\",t)"
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            "The total sum of digits is: 2\n"
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    }
  ]
}
```