PRACTICAL – 3

PROGRAM -1

AIM- Write C Program to Enter three angles & check if it is a triangle

CODE:- OUTPUT:-

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| |  | | --- | |  |   #include <stdio.h>  int main() {  printf("\n HARSH D \n");  int Angle\_1;  int Angle\_2;  int Angle\_3;  int Number\_Limit = 180;  int Sum;  // Input angles of triangle  printf("\n Enter The Angle 1 of Triangle = ");  scanf("%d", &Angle\_1);  printf("\n Enter The Angle 2 of Triangle = ");  scanf("%d", &Angle\_2);  printf("\n Enter The Angle 3 of Triangle = ");  scanf("%d", &Angle\_3);  Sum = Angle\_1+Angle\_2+Angle\_3;  printf("\n Sum of Angle = %d",Sum);  // Check if any angle exceeds the limit  if (Angle\_1 >= Number\_Limit || Angle\_2 >= Number\_Limit || Angle\_3 >= Number\_Limit) {  printf("\n INVALID ANGLE: Angle(s) exceeds 180 degrees.\n");  } else {  printf("\n VALID ANGLEs\n");  }  if (Sum == 180)  {  printf("\n Valid Triangle ");  }  else  {  printf("\n It Will Not Form Triangle"); }  return 0;} |

PROGRAM -2

AIM- Write C Program to Enter three angles & check if it is a triangle

CODE:-

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| #include<stdio.h>  int main() {  int number;  printf("\n HARSH D \n");  // Input the number  printf("Enter an integer: ");  scanf("%d", &number);  // Check if the number is even or odd  if (number % 2 == 0) {  printf("%d is an even number.\n", number);  } else {  printf("%d is an odd number.\n", number);  }  return 0;  } |

OUTPUT:-

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PROGRAM -3

AIM- Write C Program to Check alphabet is Vowel or Constant

CODE:-

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| #include<stdio.h>  int main()  {  Printf(“HARSH D”);  char A;  printf("Enter Alphabet = ");  scanf("%c",&A);  if (A=='a'||A=='e'||A=='i'||A=='o'||A=='u'||  A=='A'||A=='E'||A=='I'||A=='O'||A=='U')  {  printf("THE ALPHABET IS VOWEL");  }  else  {  printf("THE ALPHABET IS CONSONENT");  }  } |

OUTPUT:-

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PROGRAM -4

AIM- WACP To Find largest Number From 3 number.

CODE:-

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| --- |
| #include<stdio.h>  int main()  {  printf("\n HARSH D \n");  int a,b,c;  printf("Enter Number 1 = ");  scanf("%d",&a);  printf("Enter Number 2 = ");  scanf("%d",&b);  printf("Enter Number 3 = ");  scanf("%d",&c);  printf("\n");  if (a>b && a>c){  printf("%d is Largest",a);  }  else if(b>a && b>c){  printf("%d is Largest",b);  }  else if (c>a && c>b){  printf("%d is Largest",c);  }  return 0;  } |

OUTPUT:-

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