1.(I) (II) 4 (III) x= (IV) x=2 (IV) 5+5

\* (V) (VI) (prints a new line) (VII) Value is 45.57

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2.a)(I) 3.45 (II) 3.4

2.b)

(I) #include<stdio.h>

int main (void)

{

printf("%.2f\n",123.4567);

return 0;

}

(II) #include<stdio.h>

int main (void)

{

printf("%.3f\n",333.14159);

return 0;

}

(III) #include<stdio.h>

int main (void)

{

printf("%15.1f\n",333.14159);

printf("%15.2f\n",333.14159);

printf("%15.3f\n",333.14159);

printf("%15.4f\n",333.14159);

printf("%15.5f\n",333.14159);

return 0;

}

3.(I) #include<stdio.h>

int main (void)

{

int m1;

int m2;

printf("Enter the First Mark:");

scanf("%d",&m1);

printf("Enter the Second Mark:");

scanf("%d",&m2);

printf("First Mark=%d\n",m1);

printf("Second Mark=%d\n",m2);

return 0;

}

(II) #include<stdio.h>

int main (void)

{

int m1;

int m2;

int tot;

printf("Enter the First Mark:");

scanf("%d",&m1);

printf("Enter the Second Mark:");

scanf("%d",&m2);

printf("First Mark=%d\n",m1);

printf("Second Mark=%d\n",m2);

tot=m1+m2;

printf("Total Marks=%d\n",tot);

return 0;

}

(III) #include<stdio.h>

int main (void)

{

int m1;

int m2;

int tot;

float avg;

printf("Enter the First Mark:");

scanf("%d",&m1);

printf("Enter the Second Mark:");

scanf("%d",&m2);

printf("First Mark=%d\n",m1);

printf("Second Mark=%d\n",m2);

tot=m1+m2;

printf("Total Marks=%d\n",tot);

avg=tot/2;

return 0;

}

(IV) #include<stdio.h>

int main (void)

{

int m1;

int m2;

int tot;

float avg;

printf("Enter the First Mark:");

scanf("%d",&m1);

printf("Enter the Second Mark:");

scanf("%d",&m2);

printf("First Mark=%d\n",m1);

printf("Second Mark=%d\n",m2);

tot=m1+m2;

printf("Total Marks=%d\n",tot);

avg=tot/2;

printf("Average of Marks=%.2f\n",avg);

return 0;

}

4.a) #include<stdio.h>

struct{

int itemNo;

double price;

int quantity;

};

b) #include<stdio.h>

A picture containing text, screenshot, indoor, computer

Description automatically generatedstruct item{

int itemNo;

double price;

int quantity;

}item1,item2;

int main (void)

{

item1.itemNo=1;

item1.price=10.00;

item1.quantity=12;

item2.itemNo=2;

item2.price=15.00;

item2.quantity=4;

printf("Item No\t Price\t Quantity\n");

printf("%d\t",item1.itemNo);

printf("%.2f\t",item1.price);

printf("%d\n",item1.quantity);

printf("%d\t",item2.itemNo);

printf("%.2f\t",item2.price);

printf("%d\n",item2.quantity);

return 0;

}