

Lab Assignment 2:

1)

include <stdio.h>

int main ()

{

int inNum = 0;

int revNum = 0;

scanf ("%d", &inNum);

int cpNum = inNum;

while (cpNum != 0)

{

revNum = revNum * 10 + cpNum % 10;

cpNum /= 10;

}

printf ("Sum of L and R: %d", revNum * 10 + cpNum * 10);

printf ("Rev. Num: %d", revNum);

}

2)

P.T.

2.)

#include <stdio.h>

int main()

{

const float pi = 3.14;

float length = 0;

float breadth, radius;

printf("Enter Length, Breadth, Radius\n");

scanf("%f %f %f", &length, &breadth, &radius);

printf("Area Rect: %.2f\n Perimeter Rect: %.2f\n",

length * breadth, length + breadth,

pi * radius * radius, 2 * pi * radius);

}

3.) #include <stdio.h>

int main()

{

float sell, totalProfit;

printf("Enter Selling Price and total profit");

scanf("%f %f", &sell, &totalProfit);

printf("Selling price of one item: %.2f ,
(sell - totalProfit) / 15);

}

4.)

```
#include <stdio.h>
```

```
int main ()
```

```
{
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```
int amount_in_hundred = 0;
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printf ("Enter Amount in hundred: ") ;
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scanf ("%d", &amount_in_hundred) ;
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int amount = amount_in_hundred * 100;
```

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printf ("%d of 100 Rs. Notes \n", amount/100);
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```
printf ("%d 50 Rs \n", amount/50);
```

```
printf ("%d 10 Rs \n", amount/10);
```

```
}
```

5.) #include <stdio.h>

```
int main ()
```

```
{
```

```
float x, y; float x, y;
```

```
printf ("Input x and y\n");
```

```
scanf ("%f %f", &x, &y);
```

```
printf (" (x+y) / (x-y) = %.2f \n", (x+y)/(x-y));
```

```
printf (" (x+y) x (x-y) = %.2f \n", (x+y)*(x-y));
```

```
}
```