

Mechi Multiple Campus

(Tribhuvan University)

Bhadrapur, Jhapa



Lab Report of Computer Fundamentals & Applications (CACS-101)

Faculty of Humanities & Social Sciences

Tribhuvan University

Kritipur, Nepal

Submitted By

Name: Santosh Bhandari

Roll No: 58

Submitted To

Mechi Multiple Campus

Department of Bachelor in Computer

Bhadrapur, Jhapa, Nepal

Certificate from the supervisor

This is to certify that the Lab Report entitled “**Computer Fundamentals and Applications**” is an academic work done by “**Santosh Bhandari**” submitted in the partial fulfillment of the requirements for the degree of **Bachelor of Computer Application** at Faculty of Humanities and Social Science, Tribhuvan University under my guidance and supervision. To the best of my knowledge, the work performed by him in the Lab report is his own creation.

Signature of the Supervisor:-

Name:-

Designation:-

Date:-

Acknowledgement

I would like to express my special thanks of gratitude to my Computer Fundamental and Computer Fundamental and Application teacher “Mr. Krishna Pd. Acharya” and to the whole faculty member of humanities and social science who has provided me this opportunity. I am really grateful to sir Krishna Pd. Acharya for this kind of support in my project.

We are making this report as it compulsory required by Mechi Multiple Campus. It is compulsory report that should be submitted to the college in order to get practical marks. For this report our Computer Fundamental and Application teacher has motivated us. We are also guided by him to score good marks in practical. He has suggested how to make the report. He was the main source for us to make the report ready for Mechi Multiple Campus. In this report, we the student of BCA were engaged and I would like to express my deep thankful particularly to all of them. We are doing this report to be very helpful for coming days.

Thank You.

TABLE OF CONETNT

CONTENTS	PAGE NO.
1. Application for the post of Java Programmer.....	1
2. Form Filling.....	2
3. Two Months Calendar.....	3
4. Newspaper.....	4
5. Advertisement.....	5
6. ID Card.....	6
7. Passport Size Photo.....	7
8. Birthday Cards.....	8-12
9. Mark Ledger of Students.....	13
10.Bill of ABC Company.....	14
11.Salary Sheet of Dream Tech Nepal.....	15
12. Tele-Communication Sheet.....	16
13.Presentation Slides.....	17-21

Date:- 2078/05/10

Durgapur, Jhapa, Nepal
9806073122
santoshvandari100@gmail.com

To
The HR Manager
CAMBRIDGE IT INSTITUTE, SURUNGA

Subject:- Application for the post of a Java Programmer

Dear Sir/Madam,

I recently came across an advertisement in the columns of The Kathmandu Post, stating the vacancy of a java programmer in your institute. I have working as a Java programmer for over three years. I am certain that my qualifications and abilities will serve you well in your institute if I am given the chance. Here is a brief overview of my educational qualifications and achievements.

I graduated from Tribhuvan University in Nepal in the year 2016. I have a complete understanding of languages such as C, C++, HTML and CSS. I have the skills and training needed to create new software, programs and computer applications used to keep business running smoothly. I also have the skills to monitor these systems to ensure they are functioning correctly. If a problem is detected, I will make the necessary corrections or updates immediately. On a personal level I have the ability to stay organized and on top of my work at all times. In addition to this I am constantly seeking to improv my skills and am fully aware of the latest developments in the world of Java.

As a Java programmer, I realize that in depth knowledge of all Java applications and functions are keys to this position, as well as outstanding capabilities in other programs, systems and functions of computer technology. Not everyone applying to this position will have this, but I do. I have everything that you could hope for in a candidate, as you will see in this cover letter and resume. Thank you for your time, and please contact me at the above contact info to schedule an interview.

Your Sincerely,
Signature:-
Santosh Bhandari

1.	Last Name: Bhandari	First Name: Santosh
2.	Mailing Address Street: Mahendra Highway City: Jhapa State: 1 Zip: 57210	
3.	Mobile Number: 9806073122 Email Address: santoshvandari100@gmail.com	
4.	Date of Birth: Month: 10 Day: 13 Year: 2058	
5.	Cumulative Grade Point Average (GPA): 3.0	
6.	Name and Location of High School: Shree Bhrikuti Secondary School, Kanakai-07, Jhapa	
7.	A. List any academic honors, awards and memberships activities while in high school: B. List of hobbies, outside interests, extracurricular activities and school related volunteer activities: - Coding, Video Editing, Travelling and Learning C. List your non-sponsored volunteer activities in your community:	
8.	A. If you have decided on the college you will attend, please list the school name: - Not decided B. If not, List your top three college choices: - Damak Multiple Campus - Mechi Multiple Campus - Model Campus Damak	

Shrawan-2078

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	32					

Bhadra-2078

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

The Himalayan Times

www.thehimalayantimes.com

YOUR DAILY FAVOURITE NEWSPAPER

Since 2001

Technology – Friendly teaching & Learning becoming effective

Stakeholders have said that the e-learning program launched by the state government at the school level has made school level teaching and learning effective.

According to Khemraj Bhattarai, Principal of Pokhariya Mavic in Biratnagar, the program has been started with the objective of making school level teaching and learning effective.

"Initially launched with the aim of building a smart school, the program has helped make reading easier even during the recent Corona virus epidemic," said Bhattarai.

He also said that e-learning has helped teachers to be up-to-date with the subject matter, to develop the teacher's ability, to make learning time-relevant and to keep students focused on reading.

Similarly, Manakamana Ratna of Sankhuwasabha's Tumlingtar-based Manikamana Ratna Ambika Mavica Principal Kuver Bhetwal says that his school has improved after the implementation of e-education program in the school.

Until three years ago, most of the teachers in the school did not even know how to open a computer, but now 95 percent of the teachers have learned to use a laptop, said Bhetwal.

In the past, there was no use of computer technology in the 26 classrooms of the school is now teaching through smart TV sets.

With 40 percent investment of the school, all the teachers have bought laptops and used them in the school.

Man Bahadur Devkota, focal person of the ministry's e-education program, said that the program started by the Ministry of Social Development in 2075 BS from 100 schools in the state is now being implemented in 210 schools in the state.



Puja's Cosmetics Shop

We deal in all kind of Cosmetics Items



For Contact #98xxxxxxxxx



Tribhuvan University
MECHI MULTIPLE CAMPUS
Bhadrapur, Jhapa, Nepal

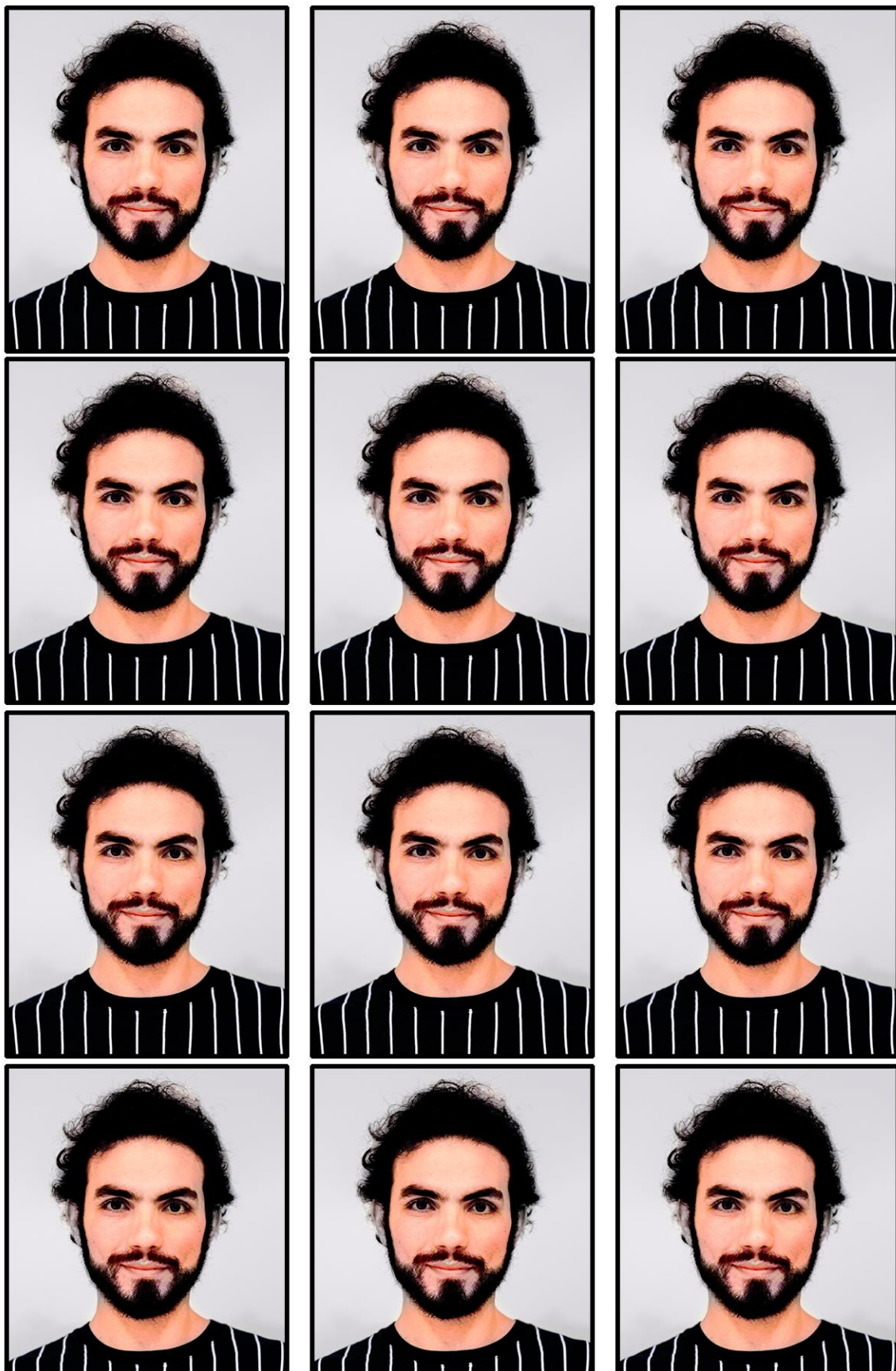


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Campus Chief

www.mechicampus.edu.np | 023550442



PLEASE JOIN US FOR A

20th

BIRTHDAY

CELEBRATION

honoring

Bikash Baral

Jun | 20 | 2021

at half-past 7 o'clock in the evening

Sagun Party Palace

Kankai-7, Durgapur

Regrets only to santosh@gmail.com

PLEASE JOIN US FOR A

20th

BIRTHDAY
CELEBRATION

honoring

Anu Dahal

Jun | 20 | 2021

at half-past 7 o'clock in the evening

Sagun Party Palace

Kankai-7, Durgapur

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20th

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CELEBRATION

honoring

Krishna Siwakoti

Jun | 20 | 2021

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Sagun Party Palace

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Abishek Rajbanshi

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20th

BIRTHDAY
CELEBRATION

honoring

Anish Poudel

Jun | 20 | 2021

at half-past 7 o'clock in the evening

Sagun Party Palace

Kankai-7, Durgapur

Regrets only to santosh@gmail.com

Mark Ledger of Students

	B	C	D	E	F	G	H	I	J	K
1	Name of Student	Maths	English	Compute	Nepali	Science	Total Marks	Percentag	Result	Grade
2	Sagar Kandel	58	75	50	60	40	283	56.6	Pass	C+
3	Raju Sapkota	60	40	70	54	59	283	56.6	Pass	C+
4	Manju Adhikari	78	68	56	39	16	257	***	Fail	A+
5	Milan Shrestha	15	39	80	52	56	242	***	Fail	A+
6	Rama B.K	52	29	63	65	28	237	47.4	Pass	C

Bill of ABC Company

	A	B	C	D	E
1	ABC Computer Trades				
2					
3					
4					
5					
6					
7	Name:.....				
8	S.N	Particulars	Quantity	Rate	Total
9	1	Mouse	100	225	22500
10	2	Keyboard	100	250	25000
11	3	DVD	500	15	7500
12	4	DVD Drive	10	2500	25000
13	5	RAM	15	12	180
14	Net Total				80180
15	Discount				8018
16	Tax				9381.06
17	Grand Total				81543.06
18					

Salary Sheet of Dream Tech Nepal

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	<div>Dream Tech Nepal</div> <div>Baratpur 10 Chitwan</div>												
2													
3													
4													
5													
6	Salary Sheet for the Months of Kartik												
7	SN	Name	Position	Basic Salary	Service Year	M.A	D.A	P.F	Monthly Total	Yearly Tot	Yearly Tax	Monthly Tax	Net Monthly Total
8	1	Ram Kandel	Manager	30000	7	1500	300	3000	28800	345600	44928	3744	250
9	2	Anisha Poudel	Programmer	27000	1	1350	270	0	28620	343440	44647.2	3720.6	24899
10	3	Kishor Sharma	Programmer	25000	3	1250	250	2500	24000	288000	37440	3120	208
11	4	Sudip Sapkota	Accountant	20000	6	1000	200	2000	19200	230400	29952	2496	167
12	5	Rahul Khadka	Support Staff	8000	2	560	160	800	7920	95040	12355.2	1029.6	6890
13													

Tele-Communication Sheet

	A	B	C	D	E	F	G	H
1	Tele- Communication Sheet							
2								
3	Name	Total Calls	Rental Charge	Extra Charge	Total Charge	Vat 13%	Govt. Tax 10%	Net Charge
4	Biny	65	150	0	150	19.5	15	184.5
5	Arun	300	150	400	550	71.5	55	676.5
6	Anil	90	150	0	150	19.5	15	184.5
7	Tarun	65	150	0	150	19.5	15	184.5
8	Ravi	100	150	0	150	19.5	15	184.5
9	Rita	250	150	300	450	58.5	45	553.5
10								

PRESENTATION ON GENERATION OF COMPUTER

By Santosh Bhandari

Contents

- *Introduction to Computer*
- *Introduction to Generation of Computer*
 - *First Generation of Computer*
 - *Second Generation of Computer*
 - *Third Generation of Computer*
 - *Fourth Generation of Computer*
 - *Fifth Generation of Computer*
- *Conclusion*

Introduction to Computer

- *Computer is an electronic machine.*
- *Computer can perform millions of instructions and even more per second.*
- *Computer can perform task without any error.*
- *Computer can perform many task without any tired at a same time.*
- *Computer are used in different aspects of life.*

Introduction to Generation of Computer

Generation in computer terminology is a change in technology a computer is being used. Initially, the generation term was used to distinguish between varying hardware technologies. Nowadays, generation includes both hardware and software, which together make up an entire computer system.

There are five generations of computer known till date. They are described in another slide:-

First Generation of Computer

- *Time period from 1944 to 1955.*
- *Used vacuum tubes as the basic components for memory and circuitry for CPU (Central Processing Unit).*
- *Supported machine language only.*
- *Very costly.*
- *Huge in size.*
- *Consumed a lot of electricity.*
- *Generated a lot of heat.*

Second Generation of Computer

- *Time period from 1955 to 1965.*
- *Used transistors in place of Vacuum tubes.*
- *Supported assembly language and high-level programming languages like FORTRAN, COBOL etc.*
- *Smaller size.*
- *Faster.*
- *Consumed less electricity.*

Third Generation of Computer

- *Time period from 1965 to 1975.*
- *Used Integrated Circuits(ICs).*
- *Supported High-level languages.*
- *Smaller size.*
- *Generated less heat.*
- *Faster.*
- *Consumed lesser electricity.*

Fourth Generation of Computers

- *Time period from 1976 to 1988.*
- *Used Microprocessor/Very Large Scale Integrated (VLSI) circuits.*
- *Used high-level languages like C, C++, DBASE etc.*
- *Cheap.*
- *Very small size.*
- *Concept of internet was introduced.*

Fifth Generation of Computer

- *Time period since 1988 to till .*
- *Used Ultra Large Scale Integration(ULSI) circuits.*
- *Used high-level languages like C and C++, Java, .Net etc.*
- *Development of Natural language processing.*
- *Very powerful.*
- *Cheaper.*

Conclusion

Generation includes both hardware and software, which together make up an entire computer system. Technological break-through in hardware and software resulted into more and advanced computer systems Every generation of computer made more faster, cheaper than older generation of computer.

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