

CHAPTER VI

CONCLUSION

6.1 Conclusion

This project explains that it is possible to build web servers using java programming language. Java provides some library to support building web servers, there are `java.net.Socket`, `java.net.ServerSocket` for connection between clients and servers. To receive and send data like request and response, it is need such `BufferedReader` and `PrintWriter`. The hardest part is adding features to web server such PHP and JSP. So, to make a web server program, it is not that simple and cannot be underestimated.

How IKOM web server works. Firstly, IKOM web server opens socket using `ServerSocket` class to receive client requests. When clients send request, server receive request using `BufferedReader` class. Then, server brings the request to classes that process it. If clients request is PHP file, then server execute the PHP file with PHP programs. If clients request is JSP pages, then server execute the JSP file with Tomcat Program. After all the process, server give the response to client using `PrintWriter` class.

6.2 Further Research

For Further research, server can be given more features. Like the webs server can handle the POST request. Server is supported by CGI and can be configured easily through Graphical User Interface.